

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062322\
 Data File : VD073675.D
 Acq On : 23 Jun 2022 19:42
 Operator : VA/SY
 Sample : VD0623SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
 Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 24 07:39:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.967	168	202875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	333318	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	318050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	166474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	122731	49.255	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.500%		
35) Dibromofluoromethane	7.908	113	127155	48.971	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.940%		
50) Toluene-d8	10.332	98	440913	47.293	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.580%		
62) 4-Bromofluorobenzene	12.620	95	170793	48.844	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	42980	21.734	ug/l	94
3) Chloromethane	2.209	50	36550	20.528	ug/l	97
4) Vinyl Chloride	2.344	62	36483	19.964	ug/l	95
5) Bromomethane	2.750	94	27902	20.640	ug/l	99
6) Chloroethane	2.909	64	24826	20.170	ug/l	90
7) Trichlorofluoromethane	3.267	101	84164	19.690	ug/l	98
8) Diethyl Ether	3.703	74	21841	19.926	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	48719	19.872	ug/l	98
10) Methyl Iodide	4.297	142	46062	19.738	ug/l	99
11) Tert butyl alcohol	5.185	59	46365	104.633	ug/l #	100
12) 1,1-Dichloroethene	4.067	96	41308	19.814	ug/l	90
13) Acrolein	3.920	56	4072	96.709	ug/l	96
14) Allyl chloride	4.709	41	60549	19.699	ug/l	99
15) Acrylonitrile	5.414	53	52479	100.028	ug/l	99
16) Acetone	4.156	43	40563	96.561	ug/l	100
17) Carbon Disulfide	4.403	76	106526	20.251	ug/l	100
18) Methyl Acetate	4.714	43	28534	23.715	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	107077	19.723	ug/l	95
20) Methylene Chloride	4.962	84	62922	21.184	ug/l	85
21) trans-1,2-Dichloroethene	5.467	96	48857	19.699	ug/l	98
22) Diisopropyl ether	6.361	45	143009	20.724	ug/l	97
23) Vinyl Acetate	6.303	43	367636	101.617	ug/l	99
24) 1,1-Dichloroethane	6.256	63	92525	20.131	ug/l	94
25) 2-Butanone	7.208	43	60063	95.651	ug/l	95
26) 2,2-Dichloropropane	7.203	77	83691	19.331	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	59345	20.346	ug/l	99
28) Bromochloromethane	7.544	49	31352	19.329	ug/l	99
29) Tetrahydrofuran	7.550	42	37871	99.206	ug/l	98
30) Chloroform	7.697	83	106835	20.652	ug/l	98
31) Cyclohexane	7.979	56	72409	19.370	ug/l	94
32) 1,1,1-Trichloroethane	7.897	97	93951	20.219	ug/l	98
36) 1,1-Dichloropropene	8.108	75	71499	19.616	ug/l	99
37) Ethyl Acetate	7.291	43	29491	20.614	ug/l	95
38) Carbon Tetrachloride	8.091	117	83972	19.786	ug/l	90
39) Methylcyclohexane	9.344	83	75287	18.603	ug/l	96
40) Benzene	8.344	78	210757	19.974	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062322\
 Data File : VD073675.D
 Acq On : 23 Jun 2022 19:42
 Operator : VA/SY
 Sample : VD0623SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBSD01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/30/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 24 07:39:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	16754	19.400	ug/l	95
42) 1,2-Dichloroethane	8.414	62	63425	19.950	ug/l	99
43) Isopropyl Acetate	8.444	43	55730	19.853	ug/l	99
44) Trichloroethene	9.102	130	59758	19.718	ug/l	91
45) 1,2-Dichloropropane	9.385	63	52094	19.693	ug/l	99
46) Dibromomethane	9.467	93	29687	19.332	ug/l	99
47) Bromodichloromethane	9.655	83	79661	19.792	ug/l	95
48) Methyl methacrylate	9.450	41	26195	18.387	ug/l	94
49) 1,4-Dioxane	9.455	88	6524	380.486	ug/l #	95
51) 4-Methyl-2-Pentanone	10.220	43	142633	98.876	ug/l	98
52) Toluene	10.397	92	140314	20.295	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	71631	19.563	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	84300	20.224	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	43354	20.027	ug/l	93
56) Ethyl methacrylate	10.655	69	48254	19.778	ug/l	96
57) 1,3-Dichloropropane	10.938	76	69774	19.548	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	91728	96.879	ug/l	99
59) 2-Hexanone	10.979	43	94768	97.309	ug/l	95
60) Dibromochloromethane	11.132	129	56623	19.848	ug/l	96
61) 1,2-Dibromoethane	11.238	107	41404	20.206	ug/l	98
64) Tetrachloroethene	10.867	164	50435	20.027	ug/l	97
65) Chlorobenzene	11.661	112	151939	19.519	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	63380	20.264	ug/l	99
67) Ethyl Benzene	11.738	91	260797	19.198	ug/l	94
68) m/p-Xylenes	11.843	106	208985	39.809	ug/l	98
69) o-Xylene	12.167	106	97352	19.993	ug/l	98
70) Styrene	12.185	104	170758	20.040	ug/l	100
71) Bromoform	12.349	173	32205	18.916	ug/l #	96
73) Isopropylbenzene	12.467	105	260487	19.162	ug/l	99
74) N-amyl acetate	12.279	43	53482	19.227	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	50579	19.722	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	35336m	21.812	ug/l	
77) Bromobenzene	12.749	156	63206	19.335	ug/l	98
78) n-propylbenzene	12.808	91	325915	19.616	ug/l	99
79) 2-Chlorotoluene	12.896	91	188578	19.484	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	230399	19.770	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	15431	19.446	ug/l	93
82) 4-Chlorotoluene	12.990	91	202904	19.721	ug/l	99
83) tert-Butylbenzene	13.208	119	198523	19.380	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	230556	20.140	ug/l	98
85) sec-Butylbenzene	13.390	105	294469	19.544	ug/l	100
86) p-Isopropyltoluene	13.502	119	248803	19.836	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	136370	20.032	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	132322	19.640	ug/l	98
89) n-Butylbenzene	13.826	91	228717	19.474	ug/l	99
90) Hexachloroethane	14.096	117	49652	19.204	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	117748	20.103	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	8031	18.758	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	67841	19.395	ug/l	99
94) Hexachlorobutadiene	15.249	225	39439	19.885	ug/l	99
95) Naphthalene	15.379	128	117993	18.870	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	60330	19.743	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062322\
Data File : VD073675.D
Acq On : 23 Jun 2022 19:42
Operator : VA/SY
Sample : VD0623SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 24 07:39:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 24 07:36:47 2022
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBSD01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062322\
 Data File : VD073675.D
 Acq On : 23 Jun 2022 19:42
 Operator : VA/SY
 Sample : VD0623SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBSD01

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 06/30/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 24 07:39:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

