

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071922\
 Data File : VD073859.D
 Acq On : 19 Jul 2022 14:11
 Operator : VA/SY
 Sample : VD0719SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0719SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/20/2022
 Supervised By :Mahesh Dadoda 07/20/2022

Quant Time: Jul 19 15:42:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 01:56:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	136595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	226353	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	200312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	94907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	77350	47.422	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.840%		
35) Dibromofluoromethane	7.909	113	82830	51.870	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.740%		
50) Toluene-d8	10.332	98	310608	53.581	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	107.160%		
62) 4-Bromofluorobenzene	12.620	95	98916	49.628	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.260%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	29335	22.380	ug/l	95
3) Chloromethane	2.203	50	56751	25.253	ug/l	97
4) Vinyl Chloride	2.344	62	64390	20.453	ug/l	98
5) Bromomethane	2.756	94	33336	15.666	ug/l	95
6) Chloroethane	2.915	64	43782	20.633	ug/l	97
7) Trichlorofluoromethane	3.268	101	58585	20.810	ug/l	96
8) Diethyl Ether	3.703	74	12604	18.251	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.085	101	34184	21.883	ug/l	98
10) Methyl Iodide	4.285	142	27519	17.884	ug/l	94
11) Tert butyl alcohol	5.238	59	7737	59.169	ug/l #	95
12) 1,1-Dichloroethene	4.062	96	29998	21.611	ug/l	96
13) Acrolein	3.920	56	6546	86.458	ug/l	97
14) Allyl chloride	4.709	41	40643	20.060	ug/l #	88
15) Acrylonitrile	5.415	53	23527	83.473	ug/l	97
16) Acetone	4.156	43	21553	80.528	ug/l	100
17) Carbon Disulfide	4.403	76	94338	21.269	ug/l	100
18) Methyl Acetate	4.715	43	13073	18.672	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	59752	17.971	ug/l	94
20) Methylene Chloride	4.956	84	51393	19.936	ug/l	88
21) trans-1,2-Dichloroethene	5.456	96	34947	21.297	ug/l	88
22) Diisopropyl ether	6.356	45	83380	19.338	ug/l	96
23) Vinyl Acetate	6.297	43	214884	91.305	ug/l #	93
24) 1,1-Dichloroethane	6.256	63	55464	19.476	ug/l	96
25) 2-Butanone	7.203	43	31737	83.544	ug/l #	89
26) 2,2-Dichloropropane	7.197	77	54096	21.391	ug/l	98
27) cis-1,2-Dichloroethene	7.197	96	36464	19.738	ug/l	92
28) Bromochloromethane	7.538	49	18950	17.735	ug/l #	78
29) Tetrahydrofuran	7.561	42	20020	86.911	ug/l #	88
30) Chloroform	7.697	83	63968	20.407	ug/l	88
31) Cyclohexane	7.979	56	54983	21.215	ug/l #	89
32) 1,1,1-Trichloroethane	7.897	97	62017	21.265	ug/l	95
36) 1,1-Dichloropropene	8.103	75	49407	21.447	ug/l	96
37) Ethyl Acetate	7.285	43	15157	18.298	ug/l	95
38) Carbon Tetrachloride	8.091	117	50967	19.372	ug/l	97
39) Methylcyclohexane	9.350	83	59319	22.090	ug/l	91
40) Benzene	8.344	78	127737	20.381	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071922\
 Data File : VD073859.D
 Acq On : 19 Jul 2022 14:11
 Operator : VA/SY
 Sample : VD0719SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0719SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/20/2022
 Supervised By :Mahesh Dadoda 07/20/2022

Quant Time: Jul 19 15:42:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 01:56:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	6341	12.318	ug/l #	62
42) 1,2-Dichloroethane	8.414	62	35656	18.588	ug/l	98
43) Isopropyl Acetate	8.444	43	30120	18.195	ug/l #	91
44) Trichloroethene	9.103	130	36886	21.087	ug/l	98
45) 1,2-Dichloropropane	9.379	63	30194	19.931	ug/l	99
46) Dibromomethane	9.467	93	17946	19.530	ug/l	94
47) Bromodichloromethane	9.655	83	46184	19.412	ug/l #	96
48) Methyl methacrylate	9.450	41	13954	17.193	ug/l #	75
49) 1,4-Dioxane	9.455	88	3344	347.797	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	72014	87.018	ug/l	96
52) Toluene	10.397	92	86378	20.477	ug/l	95
53) t-1,3-Dichloropropene	10.608	75	40527	19.295	ug/l	95
54) cis-1,3-Dichloropropene	10.079	75	47882	19.702	ug/l	92
55) 1,1,2-Trichloroethane	10.791	97	21693	18.559	ug/l	92
56) Ethyl methacrylate	10.650	69	23371	17.270	ug/l	90
57) 1,3-Dichloropropane	10.938	76	35977	18.098	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	38552	53.278	ug/l	93
59) 2-Hexanone	10.973	43	49202	87.009	ug/l	96
60) Dibromochloromethane	11.126	129	28034	17.704	ug/l	99
61) 1,2-Dibromoethane	11.232	107	21317	18.025	ug/l	99
64) Tetrachloroethene	10.867	164	33160	24.821	ug/l	97
65) Chlorobenzene	11.661	112	89145	21.608	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.732	131	30538	19.478	ug/l	98
67) Ethyl Benzene	11.732	91	161363	21.184	ug/l	99
68) m/p-Xylenes	11.844	106	128568	43.183	ug/l	97
69) o-Xylene	12.167	106	58354	20.935	ug/l	96
70) Styrene	12.185	104	96306	20.209	ug/l	97
71) Bromoform	12.349	173	15041	17.729	ug/l #	98
73) Isopropylbenzene	12.467	105	159894	22.244	ug/l	99
74) N-amyl acetate	12.273	43	27532	19.417	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	23121	18.609	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	16350m	16.056	ug/l	
77) Bromobenzene	12.749	156	33481	20.958	ug/l	88
78) n-propylbenzene	12.808	91	196306	22.386	ug/l	97
79) 2-Chlorotoluene	12.896	91	106788	21.708	ug/l	95
80) 1,3,5-Trimethylbenzene	12.944	105	132601	21.884	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	7418	19.657	ug/l	87
82) 4-Chlorotoluene	12.991	91	112162	21.560	ug/l	97
83) tert-Butylbenzene	13.208	119	113865	21.979	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	130468	21.617	ug/l	99
85) sec-Butylbenzene	13.385	105	174661	22.358	ug/l	98
86) p-Isopropyltoluene	13.502	119	146880	22.329	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	70799	21.163	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	69718	21.083	ug/l	99
89) n-Butylbenzene	13.826	91	143216	22.931	ug/l	99
90) Hexachloroethane	14.091	117	24107	18.546	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	58624	20.283	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	4126	19.776	ug/l	94
93) 1,2,4-Trichlorobenzene	15.138	180	36082	20.448	ug/l	97
94) Hexachlorobutadiene	15.243	225	20971	22.426	ug/l	95
95) Naphthalene	15.379	128	60325	19.020	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	28958	19.302	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071922\
 Data File : VD073859.D
 Acq On : 19 Jul 2022 14:11
 Operator : VA/SY
 Sample : VD0719SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
ClientSampleId :
 VD0719SBS01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/20/2022
 Supervised By :Mahesh Dadoda 07/20/2022

Quant Time: Jul 19 15:42:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 01:56:16 2022
 Response via : Initial Calibration

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

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

