

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
 Data File : VD073704.D
 Acq On : 25 Jun 2022 12:34
 Operator : VA/SY
 Sample : VD0625SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBS01

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 09:35:31 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	7.973	168	199669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	318549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	315995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	172664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	125532	51.188	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.380%			
35) Dibromofluoromethane	7.908	113	127588	51.416	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.840%			
50) Toluene-d8	10.332	98	430658	48.335	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.660%			
62) 4-Bromofluorobenzene	12.620	95	172973	51.761	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	40977	20.907	ug/l	93
3) Chloromethane	2.209	50	34272	19.434	ug/l	96
4) Vinyl Chloride	2.344	62	36340	20.205	ug/l	96
5) Bromomethane	2.744	94	26375	19.648	ug/l	99
6) Chloroethane	2.909	64	25193	20.796	ug/l #	82
7) Trichlorofluoromethane	3.256	101	90130	21.425	ug/l	95
8) Diethyl Ether	3.703	74	24297	22.522	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.085	101	53647	22.233	ug/l	97
10) Methyl Iodide	4.291	142	42736	18.607	ug/l	98
11) Tert butyl alcohol	5.173	59	46618m	111.397	ug/l	
12) 1,1-Dichloroethene	4.056	96	41394	20.174	ug/l	90
13) Acrolein	3.915	56	4003	96.597	ug/l	97
14) Allyl chloride	4.697	41	61646	20.378	ug/l	99
15) Acrylonitrile	5.409	53	56538	109.495	ug/l	98
16) Acetone	4.156	43	48084	117.887	ug/l	98
17) Carbon Disulfide	4.397	76	98186	18.965	ug/l	98
18) Methyl Acetate	4.703	43	29647	25.149	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	118180	22.118	ug/l	96
20) Methylene Chloride	4.950	84	63108	21.714	ug/l	91
21) trans-1,2-Dichloroethene	5.462	96	52248	21.404	ug/l	91
22) Diisopropyl ether	6.361	45	153232	22.562	ug/l	99
23) Vinyl Acetate	6.303	43	397359	111.597	ug/l	98
24) 1,1-Dichloroethane	6.256	63	97413	21.535	ug/l	99
25) 2-Butanone	7.208	43	69274	112.091	ug/l	92
26) 2,2-Dichloropropane	7.203	77	92861	21.794	ug/l	99
27) cis-1,2-Dichloroethene	7.197	96	60098	20.935	ug/l	96
28) Bromochloromethane	7.544	49	34380	21.536	ug/l	99
29) Tetrahydrofuran	7.561	42	43267	115.161	ug/l	97
30) Chloroform	7.703	83	111139	21.829	ug/l	98
31) Cyclohexane	7.979	56	73520	19.983	ug/l #	94
32) 1,1,1-Trichloroethane	7.897	97	99617	21.783	ug/l	99
36) 1,1-Dichloropropene	8.103	75	75018	21.535	ug/l	97
37) Ethyl Acetate	7.285	43	31137	22.774	ug/l #	94
38) Carbon Tetrachloride	8.091	117	89586	22.088	ug/l	98
39) Methylcyclohexane	9.350	83	76092	19.674	ug/l	98
40) Benzene	8.344	78	213732	21.195	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
 Data File : VD073704.D
 Acq On : 25 Jun 2022 12:34
 Operator : VA/SY
 Sample : VD0625SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBS01

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 09:35:31 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	7.514	41	16755	20.300	ug/l #	83
42) 1,2-Dichloroethane	8.420	62	68516	22.551	ug/l	99
43) Isopropyl Acetate	8.444	43	61493	22.921	ug/l	99
44) Trichloroethene	9.103	130	61012	21.065	ug/l	89
45) 1,2-Dichloropropane	9.379	63	56001	22.151	ug/l	97
46) Dibromomethane	9.467	93	31097	21.189	ug/l	98
47) Bromodichloromethane	9.655	83	85852	22.319	ug/l	100
48) Methyl methacrylate	9.450	41	29808	21.894	ug/l	98
49) 1,4-Dioxane	9.450	88	7712	470.625	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	166118	120.495	ug/l	100
52) Toluene	10.397	92	144429	21.859	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	77603	22.177	ug/l	95
54) cis-1,3-Dichloropropene	10.079	75	87257	21.904	ug/l	93
55) 1,1,2-Trichloroethane	10.791	97	47664	23.039	ug/l	96
56) Ethyl methacrylate	10.650	69	52780	22.636	ug/l #	92
57) 1,3-Dichloropropane	10.938	76	76344	22.381	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	102257	113.007	ug/l	98
59) 2-Hexanone	10.973	43	112309	120.668	ug/l	97
60) Dibromochloromethane	11.126	129	61805	22.669	ug/l	96
61) 1,2-Dibromoethane	11.238	107	45431	23.199	ug/l	100
64) Tetrachloroethene	10.867	164	52595	21.021	ug/l	98
65) Chlorobenzene	11.661	112	161429	20.873	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	66487	21.395	ug/l	99
67) Ethyl Benzene	11.738	91	272715	20.205	ug/l	95
68) m/p-Xylenes	11.844	106	217851	41.768	ug/l	98
69) o-Xylene	12.173	106	100839	20.844	ug/l	100
70) Styrene	12.185	104	181187	21.402	ug/l	99
71) Bromoform	12.349	173	37891	22.400	ug/l #	99
73) Isopropylbenzene	12.467	105	274448	19.466	ug/l	100
74) N-amyl acetate	12.279	43	61776	21.413	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	57765	21.716	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	46956m	27.945	ug/l	
77) Bromobenzene	12.749	156	68551	20.219	ug/l	98
78) n-propylbenzene	12.808	91	346856	20.127	ug/l	99
79) 2-Chlorotoluene	12.896	91	202250	20.148	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	245210	20.287	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	16038	19.486	ug/l	99
82) 4-Chlorotoluene	12.991	91	215540	20.198	ug/l	98
83) tert-Butylbenzene	13.208	119	211749	19.930	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	244915	20.628	ug/l	100
85) sec-Butylbenzene	13.385	105	315827	20.211	ug/l	99
86) p-Isopropyltoluene	13.502	119	258454	19.867	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	143836	20.372	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	142957	20.458	ug/l	98
89) n-Butylbenzene	13.826	91	240050	19.706	ug/l	100
90) Hexachloroethane	14.096	117	53914	20.105	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	125592	20.674	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	9941	22.386	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	72841	20.078	ug/l	98
94) Hexachlorobutadiene	15.249	225	42352	20.588	ug/l	96
95) Naphthalene	15.379	128	129498	19.968	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	64346	20.302	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
Data File : VD073704.D
Acq On : 25 Jun 2022 12:34
Operator : VA/SY
Sample : VD0625SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0625SBSD01

Manual Integrations
APPROVED

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

Quant Time: Jun 27 09:35:31 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)
----------	------	------	----------	------	-------	----------

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

