

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
 Data File : VD072440.D
 Acq On : 25 Mar 2022 20:29
 Operator : VA/SY
 Sample : N1977-02MS
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12-20220315-16.0-17.0MS

Quant Time: Mar 26 00:16:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/29/2022
 Supervised By :Semsettin Yesilyurt 03/29/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	93333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	209478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	181825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	65124	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	109883	105.642	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 211.280%#			
35) Dibromofluoromethane	7.914	113	89986	61.044	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 122.080%			
50) Toluene-d8	10.332	98	244460	45.353	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 90.700%			
62) 4-Bromofluorobenzene	12.620	95	91848	43.855	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 87.720%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	20887	24.195	ug/l	95
3) Chloromethane	2.209	50	43946	57.288	ug/l	95
4) Vinyl Chloride	2.344	62	28969	39.122	ug/l	99
5) Bromomethane	2.768	94	21089	43.737	ug/l	89
6) Chloroethane	2.921	64	31957	65.276	ug/l	99
7) Trichlorofluoromethane	3.273	101	64004	38.275	ug/l	99
8) Diethyl Ether	3.709	74	64963	140.662	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	34571	32.423	ug/l	95
10) Methyl Iodide	4.303	142	24531	26.763	ug/l	# 94
11) Tert butyl alcohol	5.220	59	56375	934.773	ug/l	100
12) 1,1-Dichloroethene	4.062	96	35916	41.870	ug/l	91
13) Acrolein	3.915	56	278	5.166	ug/l	# 14
14) Allyl chloride	4.715	41	61612	41.081	ug/l	96
15) Acrylonitrile	5.420	53	184337	791.033	ug/l	97
16) Acetone	4.156	43	222231	984.036	ug/l	95
17) Carbon Disulfide	4.409	76	66283	33.637	ug/l	95
18) Methyl Acetate	4.715	43	201998	364.989	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	348595	149.515	ug/l	97
20) Methylene Chloride	4.962	84	92983	88.077	ug/l	88
21) trans-1,2-Dichloroethene	5.467	96	34407	36.265	ug/l	91
22) Diisopropyl ether	6.362	45	414537	121.179	ug/l	91
23) Vinyl Acetate	6.303	43	92184	52.802	ug/l	# 94
24) 1,1-Dichloroethane	6.267	63	174838	86.662	ug/l	99
25) 2-Butanone	7.209	43	274442	911.433	ug/l	99
26) 2,2-Dichloropropane	7.203	77	99668	54.753	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	75013	61.928	ug/l	96
28) Bromochloromethane	7.544	49	69321	85.351	ug/l	92
29) Tetrahydrofuran	7.561	42	171287	967.412	ug/l	96
30) Chloroform	7.709	83	193150	89.867	ug/l	96
31) Cyclohexane	7.985	56	45140	27.777	ug/l	94
32) 1,1,1-Trichloroethane	7.897	97	109586	57.408	ug/l	99
36) 1,1-Dichloropropene	8.109	75	60863	29.431	ug/l	# 73
37) Ethyl Acetate	7.285	43	83484	92.159	ug/l	# 96
38) Carbon Tetrachloride	8.097	117	72737	30.943	ug/l	97
39) Methylcyclohexane	9.350	83	42075	18.080	ug/l	94
40) Benzene	8.344	78	3051806	517.280	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
 Data File : VD072440.D
 Acq On : 25 Mar 2022 20:29
 Operator : VA/SY
 Sample : N1977-02MS
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12-20220315-16.0-17.OMS

Quant Time: Mar 26 00:16:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/29/2022
 Supervised By :Semsettin Yesilyurt 03/29/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	76248	144.411	ug/l	98
42) 1,2-Dichloroethane	8.414	62	139410	77.896	ug/l	99
43) Isopropyl Acetate	8.444	43	186477	106.059	ug/l	96
44) Trichloroethene	9.108	130	60703	36.651	ug/l	94
45) 1,2-Dichloropropane	9.379	63	113519	70.160	ug/l	97
46) Dibromomethane	9.473	93	51972	65.299	ug/l	96
47) Bromodichloromethane	9.656	83	159438	68.715	ug/l	93
48) Methyl methacrylate	9.450	41	111753	133.112	ug/l	92
49) 1,4-Dioxane	9.456	88	25188	2639.056	ug/l #	93
51) 4-Methyl-2-Pentanone	10.220	43	612497	663.256	ug/l	95
52) Toluene	10.397	92	495302	127.584	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	92972	43.857	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	108055	44.093	ug/l	92
55) 1,1,2-Trichloroethane	10.791	97	112306	92.628	ug/l	96
56) Ethyl methacrylate	10.655	69	134175	94.481	ug/l	96
57) 1,3-Dichloropropane	10.938	76	170212	83.648	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	339685	531.979	ug/l	99
59) 2-Hexanone	10.979	43	420004	658.507	ug/l	98
60) Dibromochloromethane	11.132	129	111719	71.010	ug/l	99
61) 1,2-Dibromoethane	11.238	107	81049	73.978	ug/l	92
64) Tetrachloroethene	10.867	164	48377	37.762	ug/l	96
65) Chlorobenzene	11.661	112	524540	130.127	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	91701	57.528	ug/l	99
67) Ethyl Benzene	11.738	91	3826667	531.518	ug/l	99
68) m/p-Xylenes	11.844	106	438555	160.421	ug/l	100
69) o-Xylene	12.173	106	395248	151.152	ug/l	96
70) Styrene	12.185	104	247871	54.284	ug/l #	83
71) Bromoform	12.349	173	64042	75.212	ug/l #	98
73) Isopropylbenzene	12.473	105	1899518	368.070	ug/l	99
74) N-amyl acetate	12.279	43	92944	83.805	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.720	83	109423	118.553	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	88747m	123.538	ug/l	
77) Bromobenzene	12.749	156	72708	62.595	ug/l	92
78) n-propylbenzene	12.808	91	1308291	208.708	ug/l	99
79) 2-Chlorotoluene	12.902	91	231033	63.738	ug/l	91
80) 1,3,5-Trimethylbenzene	12.949	105	1177527	265.592	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	15674	54.134	ug/l #	30
82) 4-Chlorotoluene	12.996	91	169159	45.071	ug/l	95
83) tert-Butylbenzene	13.214	119	143295	36.865	ug/l	89
84) 1,2,4-Trimethylbenzene	13.255	105	5146756	1178.149	ug/l	97
85) sec-Butylbenzene	13.391	105	312362	53.512	ug/l	80
86) p-Isopropyltoluene	13.502	119	728189	151.601	ug/l	95
87) 1,3-Dichlorobenzene	13.502	146	146623m	60.230	ug/l	
88) 1,4-Dichlorobenzene	13.585	146	192130	79.590	ug/l	91
89) n-Butylbenzene	13.832	91	461495m	100.799	ug/l	
90) Hexachloroethane	14.102	117	781169	829.777	ug/l #	19
91) 1,2-Dichlorobenzene	13.879	146	116701	54.984	ug/l #	55
92) 1,2-Dibromo-3-Chloropr...	14.508	75	24863	168.790	ug/l	63
93) 1,2,4-Trichlorobenzene	15.149	180	30192	21.486	ug/l #	1
94) Hexachlorobutadiene	15.255	225	7248	8.867	ug/l	92
95) Naphthalene	15.373	128	27097830m	11187.011	ug/l	
96) 1,2,3-Trichlorobenzene	15.585	180	19088	15.693	ug/l #	1

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
Data File : VD072440.D
Acq On : 25 Mar 2022 20:29
Operator : VA/SY
Sample : N1977-02MS
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0MS

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

Quant Time: Mar 26 00:16:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

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

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

