

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020924\
 Data File : VD078386.D
 Acq On : 09 Feb 2024 13:43
 Operator : RP/MD
 Sample : VD0209SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0209SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/12/2024
 Supervised By :Semsettin Yesilyurt 02/12/2024

Quant Time: Feb 09 23:00:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	119429	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	211368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	196416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	93431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	73796	49.914	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.820%		
35) Dibromofluoromethane	7.805	113	74824	49.724	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.440%		
50) Toluene-d8	10.263	98	277006	48.621	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.240%		
62) 4-Bromofluorobenzene	12.569	95	85234	49.957	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.920%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	27066	19.070	ug/l	98
3) Chloromethane	2.152	50	47072	18.947	ug/l	95
4) Vinyl Chloride	2.281	62	58917	17.978	ug/l	98
5) Bromomethane	2.681	94	32409	16.335	ug/l	99
6) Chloroethane	2.834	64	42489	18.771	ug/l	99
7) Trichlorofluoromethane	3.169	101	50934	18.358	ug/l	99
8) Diethyl Ether	3.593	74	14381	17.521	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.958	101	32182	18.900	ug/l	93
10) Methyl Iodide	4.158	142	22485	14.517	ug/l	# 90
11) Tert butyl alcohol	5.063	59	11052	117.195	ug/l	# 92
12) 1,1-Dichloroethene	3.940	96	26736	16.273	ug/l	# 83
13) Acrolein	3.793	56	8220	69.011	ug/l	86
14) Allyl chloride	4.558	41	37922	17.506	ug/l	# 88
15) Acrylonitrile	5.263	53	33834	93.261	ug/l	# 18
16) Acetone	4.028	43	41153	110.532	ug/l	# 83
17) Carbon Disulfide	4.264	76	74877	13.499	ug/l	99
18) Methyl Acetate	4.575	43	13391	16.993	ug/l	89
19) Methyl tert-butyl Ether	5.316	73	64709	18.938	ug/l	99
20) Methylene Chloride	4.799	84	39216	20.204	ug/l	# 88
21) trans-1,2-Dichloroethene	5.305	96	32468	17.478	ug/l	97
22) Diisopropyl ether	6.216	45	84086	18.243	ug/l	93
23) Vinyl Acetate	6.152	43	255786	90.957	ug/l	96
24) 1,1-Dichloroethane	6.105	63	58484	18.328	ug/l	95
25) 2-Butanone	7.081	43	47513	96.444	ug/l	# 82
26) 2,2-Dichloropropane	7.069	77	48902	18.761	ug/l	93
27) cis-1,2-Dichloroethene	7.075	96	35059	17.028	ug/l	84
28) Bromochloromethane	7.422	49	21160	18.592	ug/l	# 79
29) Tetrahydrofuran	7.446	42	23984	91.004	ug/l	# 85
30) Chloroform	7.599	83	62078	19.027	ug/l	94
31) Cyclohexane	7.881	56	43426	15.684	ug/l	90
32) 1,1,1-Trichloroethane	7.787	97	53813	19.139	ug/l	98
36) 1,1-Dichloropropene	8.005	75	44154	17.695	ug/l	94
37) Ethyl Acetate	7.169	43	18556	19.321	ug/l	# 91
38) Carbon Tetrachloride	7.993	117	47031	19.169	ug/l	# 90
39) Methylcyclohexane	9.275	83	47213	16.003	ug/l	98
40) Benzene	8.252	78	128962	17.713	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	10754	20.828	ug/l #	82
42) 1,2-Dichloroethane	8.322	62	35089	18.582	ug/l	96
43) Isopropyl Acetate	8.363	43	33533	19.474	ug/l #	87
44) Trichloroethene	9.028	130	32773	18.331	ug/l	88
45) 1,2-Dichloropropane	9.299	63	32320	18.156	ug/l	97
46) Dibromomethane	9.393	93	18548	18.779	ug/l	88
47) Bromodichloromethane	9.581	83	46675	19.207	ug/l	99
48) Methyl methacrylate	9.381	41	14455	17.567	ug/l #	81
49) 1,4-Dioxane	9.387	88	4144	374.020	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	90430	97.077	ug/l	90
52) Toluene	10.334	92	81624	18.483	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	41925	18.471	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	49750	18.514	ug/l #	84
55) 1,1,2-Trichloroethane	10.734	97	25707	19.945	ug/l	94
56) Ethyl methacrylate	10.598	69	26974	18.451	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	41281	18.575	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	59213	89.064	ug/l	94
59) 2-Hexanone	10.922	43	73431	104.668	ug/l	86
60) Dibromochloromethane	11.069	129	30795	20.582	ug/l	99
61) 1,2-Dibromoethane	11.181	107	23703	19.478	ug/l	95
64) Tetrachloroethene	10.810	164	24196	17.662	ug/l #	84
65) Chlorobenzene	11.604	112	87453	18.611	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	33268	19.884	ug/l	97
67) Ethyl Benzene	11.681	91	150625	17.696	ug/l	95
68) m/p-Xylenes	11.793	106	117468	35.871	ug/l	88
69) o-Xylene	12.116	106	54240	18.023	ug/l	86
70) Styrene	12.134	104	95917	18.663	ug/l	96
71) Bromoform	12.298	173	16566	20.104	ug/l #	99
73) Isopropylbenzene	12.422	105	143895	18.203	ug/l	95
74) N-amyl acetate	12.228	43	31267	19.124	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	29789	19.513	ug/l	100
76) 1,2,3-Trichloropropane	12.716	75	18996m	19.453	ug/l	
77) Bromobenzene	12.698	156	32636	18.761	ug/l	83
78) n-propylbenzene	12.763	91	181573	18.439	ug/l	95
79) 2-Chlorotoluene	12.845	91	101816	19.315	ug/l	91
80) 1,3,5-Trimethylbenzene	12.904	105	122901	19.111	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	8796	17.914	ug/l #	86
82) 4-Chlorotoluene	12.945	91	105352	18.747	ug/l	93
83) tert-Butylbenzene	13.163	119	99131	18.065	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	121804	18.721	ug/l	96
85) sec-Butylbenzene	13.345	105	164302	19.078	ug/l	94
86) p-Isopropyltoluene	13.457	119	136418	19.340	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	69707	19.288	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	69870	19.540	ug/l	96
89) n-Butylbenzene	13.787	91	130735	19.020	ug/l	98
90) Hexachloroethane	14.051	117	27558	19.560	ug/l	86
91) 1,2-Dichlorobenzene	13.828	146	60764	19.653	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.439	75	4146	19.374	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	35759	19.996	ug/l	95
94) Hexachlorobutadiene	15.198	225	18109	20.665	ug/l	98
95) Naphthalene	15.328	128	67601	18.959	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	30635	19.455	ug/l	96

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

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