

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021424\
 Data File : VD078411.D
 Acq On : 14 Feb 2024 13:39
 Operator : RP/MD
 Sample : VD0214SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0214SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024
 Supervised By :Semsettin Yesilyurt 02/15/2024

Quant Time: Feb 15 03:40:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	134417	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	239755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	218865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	78242	53.835	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.660%			
35) Dibromofluoromethane	7.804	113	82759	54.341	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.680%			
50) Toluene-d8	10.269	98	331086	54.345	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.700%			
62) 4-Bromofluorobenzene	12.575	95	93443	52.707	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.420%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.940	85	28452	21.483	ug/l	98
3) Chloromethane	2.152	50	54082	22.220	ug/l	97
4) Vinyl Chloride	2.287	62	82507	22.215	ug/l	98
5) Bromomethane	2.687	94	59203	23.094	ug/l	96
6) Chloroethane	2.840	64	60363	22.289	ug/l	100
7) Trichlorofluoromethane	3.175	101	59288	23.664	ug/l	91
8) Diethyl Ether	3.593	74	16607	23.013	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.963	101	37042	23.437	ug/l	95
10) Methyl Iodide	4.163	142	32469	22.936	ug/l	90
11) Tert butyl alcohol	5.063	59	10252	127.378	ug/l	# 86
12) 1,1-Dichloroethene	3.940	96	33668	22.977	ug/l	# 80
13) Acrolein	3.793	56	12384	92.234	ug/l	97
14) Allyl chloride	4.563	41	43450	24.003	ug/l	89
15) Acrylonitrile	5.257	53	35260	114.141	ug/l	100
16) Acetone	4.016	43	41340	134.808	ug/l	# 79
17) Carbon Disulfide	4.269	76	115316	23.387	ug/l	100
18) Methyl Acetate	4.563	43	12961	15.491	ug/l	89
19) Methyl tert-butyl Ether	5.322	73	70896	22.772	ug/l	98
20) Methylene Chloride	4.799	84	48071	27.828	ug/l	# 86
21) trans-1,2-Dichloroethene	5.310	96	40290	23.373	ug/l	99
22) Diisopropyl ether	6.216	45	94549	23.697	ug/l	95
23) Vinyl Acetate	6.157	43	280876	167.118	ug/l	# 92
24) 1,1-Dichloroethane	6.110	63	68181	24.123	ug/l	93
25) 2-Butanone	7.087	43	51285	131.855	ug/l	91
26) 2,2-Dichloropropane	7.075	77	57285	24.177	ug/l	97
27) cis-1,2-Dichloroethene	7.087	96	44994	23.790	ug/l	95
28) Bromochloromethane	7.422	49	24949	22.286	ug/l	81
29) Tetrahydrofuran	7.446	42	24890	115.157	ug/l	88
30) Chloroform	7.593	83	72776	24.336	ug/l	90
31) Cyclohexane	7.881	56	57710	23.473	ug/l	90
32) 1,1,1-Trichloroethane	7.793	97	60963	23.910	ug/l	98
36) 1,1-Dichloropropene	8.010	75	55381	23.408	ug/l	96
37) Ethyl Acetate	7.169	43	19003	22.913	ug/l	99
38) Carbon Tetrachloride	7.987	117	53185	22.699	ug/l	95
39) Methylcyclohexane	9.269	83	64125	22.831	ug/l	97
40) Benzene	8.251	78	157797	23.075	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	9223	21.368	ug/l #	93
42) 1,2-Dichloroethane	8.322	62	39665	22.417	ug/l	97
43) Isopropyl Acetate	8.357	43	35320	22.998	ug/l #	74
44) Trichloroethene	9.028	130	40852	23.416	ug/l	100
45) 1,2-Dichloropropane	9.304	63	39058	23.279	ug/l	98
46) Dibromomethane	9.393	93	21393	22.668	ug/l	89
47) Bromodichloromethane	9.587	83	54283	23.223	ug/l #	93
48) Methyl methacrylate	9.375	41	14703	18.045	ug/l #	85
49) 1,4-Dioxane	9.381	88	4593	449.398	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	94546	115.993	ug/l	87
52) Toluene	10.334	92	99044	22.903	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	49003	22.975	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	59652	23.064	ug/l #	88
55) 1,1,2-Trichloroethane	10.728	97	29389	23.124	ug/l	91
56) Ethyl methacrylate	10.598	69	28966	24.643	ug/l #	86
57) 1,3-Dichloropropane	10.881	76	48928	22.632	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	60419	87.263	ug/l	95
59) 2-Hexanone	10.922	43	73290	119.646	ug/l	88
60) Dibromochloromethane	11.075	129	33928	22.187	ug/l	98
61) 1,2-Dibromoethane	11.181	107	26971	22.605	ug/l	100
64) Tetrachloroethene	10.810	164	32178	23.277	ug/l	92
65) Chlorobenzene	11.604	112	103433	23.507	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	36218	22.398	ug/l	100
67) Ethyl Benzene	11.687	91	181980	23.083	ug/l	92
68) m/p-Xylenes	11.792	106	142266	46.263	ug/l	91
69) o-Xylene	12.122	106	64228	22.887	ug/l	89
70) Styrene	12.134	104	111984	24.450	ug/l	98
71) Bromoform	12.298	173	18576	21.826	ug/l #	99
73) Isopropylbenzene	12.422	105	171633	24.153	ug/l	95
74) N-amyl acetate	12.234	43	32487	24.165	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	32638	23.154	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	21153m	23.544	ug/l	
77) Bromobenzene	12.698	156	39273	23.516	ug/l	87
78) n-propylbenzene	12.763	91	222246	25.097	ug/l	97
79) 2-Chlorotoluene	12.845	91	117512	24.775	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	146141	24.767	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	10330	23.869	ug/l	95
82) 4-Chlorotoluene	12.945	91	123080	24.161	ug/l	96
83) tert-Butylbenzene	13.169	119	123643	24.846	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	145946	24.371	ug/l	96
85) sec-Butylbenzene	13.345	105	196312	25.437	ug/l	95
86) p-Isopropyltoluene	13.463	119	159929	24.329	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	84535	23.717	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	84143	24.025	ug/l	98
89) n-Butylbenzene	13.786	91	156041	24.628	ug/l	97
90) Hexachloroethane	14.051	117	33743	24.975	ug/l	91
91) 1,2-Dichlorobenzene	13.828	146	72169	24.111	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4236	22.950	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	42904	24.390	ug/l	96
94) Hexachlorobutadiene	15.204	225	21065	22.942	ug/l	98
95) Naphthalene	15.333	128	75607	23.173	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	36696	24.615	ug/l	99

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

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