

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111924\
 Data File : VD080084.D
 Acq On : 19 Nov 2024 15:36
 Operator : RP/MD
 Sample : VD1119SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01

Quant Time: Nov 19 17:49:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 16:25:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/20/2024
 Supervised By :Mahesh Dadoda 11/20/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	158609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	252793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	239120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	133710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	84188	51.553	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.100%			
35) Dibromofluoromethane	7.805	113	87246	51.857	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.720%			
50) Toluene-d8	10.269	98	332691	52.467	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.940%			
62) 4-Bromofluorobenzene	12.575	95	108613	52.207	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	27523	21.621	ug/l	97
3) Chloromethane	2.146	50	29106	31.092	ug/l	95
4) Vinyl Chloride	2.281	62	35441	33.163	ug/l	97
5) Bromomethane	2.681	94	33112	28.693	ug/l	99
6) Chloroethane	2.834	64	25674	33.609	ug/l	96
7) Trichlorofluoromethane	3.170	101	61386	23.386	ug/l	93
8) Diethyl Ether	3.599	74	15945	20.809	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	36955	22.537	ug/l	93
10) Methyl Iodide	4.158	142	39649	19.535	ug/l	96
11) Tert butyl alcohol	5.046	59	10790m	126.966	ug/l	
12) 1,1-Dichloroethene	3.940	96	33981	20.676	ug/l	98
13) Acrolein	3.799	56	14812	90.835	ug/l	95
14) Allyl chloride	4.558	41	42884	18.408	ug/l	95
15) Acrylonitrile	5.258	53	37026	108.768	ug/l	99
16) Acetone	4.017	43	35503	100.200	ug/l	99
17) Carbon Disulfide	4.264	76	104367	19.721	ug/l	98
18) Methyl Acetate	4.564	43	18540	23.593	ug/l	100
19) Methyl tert-butyl Ether	5.311	73	72336	21.574	ug/l	97
20) Methylene Chloride	4.799	84	40318	21.217	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	38319	21.091	ug/l	89
22) Diisopropyl ether	6.216	45	100468	21.297	ug/l #	97
23) Vinyl Acetate	6.152	43	282467	104.508	ug/l	99
24) 1,1-Dichloroethane	6.105	63	66947	21.337	ug/l	100
25) 2-Butanone	7.087	43	46335	100.071	ug/l	92
26) 2,2-Dichloropropane	7.075	77	56507	20.719	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	42818	20.536	ug/l	99
28) Bromochloromethane	7.422	49	27977	20.036	ug/l #	92
29) Tetrahydrofuran	7.452	42	28846	113.733	ug/l	97
30) Chloroform	7.599	83	74071	22.408	ug/l	100
31) Cyclohexane	7.881	56	53192	20.003	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	61602	21.776	ug/l	99
36) 1,1-Dichloropropene	8.005	75	49288	21.425	ug/l	98
37) Ethyl Acetate	7.169	43	22751	23.008	ug/l	96
38) Carbon Tetrachloride	7.993	117	55058	21.905	ug/l	95
39) Methylcyclohexane	9.275	83	54609	19.938	ug/l	96
40) Benzene	8.252	78	151353	21.107	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	9092	17.038	ug/l #	79
42) 1,2-Dichloroethane	8.322	62	41303	22.256	ug/l	96
43) Isopropyl Acetate	8.357	43	39644	22.117	ug/l	95
44) Trichloroethene	9.028	130	38393	20.691	ug/l	97
45) 1,2-Dichloropropane	9.304	63	38183	22.157	ug/l	99
46) Dibromomethane	9.399	93	22103	22.052	ug/l	97
47) Bromodichloromethane	9.581	83	55954	22.302	ug/l	100
48) Methyl methacrylate	9.381	41	17854	20.864	ug/l	96
49) 1,4-Dioxane	9.381	88	4883	531.061	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	102007	112.167	ug/l	100
52) Toluene	10.328	92	99311	22.286	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	47550	21.261	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	57107	21.568	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	30367	22.900	ug/l	95
56) Ethyl methacrylate	10.599	69	33593	21.785	ug/l	96
57) 1,3-Dichloropropane	10.881	76	47870	22.191	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	60328	103.442	ug/l	97
59) 2-Hexanone	10.922	43	72824	108.867	ug/l	99
60) Dibromochloromethane	11.069	129	39495	23.139	ug/l	100
61) 1,2-Dibromoethane	11.181	107	28755	22.999	ug/l	99
64) Tetrachloroethene	10.810	164	34783	20.426	ug/l	90
65) Chlorobenzene	11.604	112	112984	21.660	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	39480	21.744	ug/l	97
67) Ethyl Benzene	11.681	91	177784	20.313	ug/l	96
68) m/p-Xylenes	11.793	106	144699	42.304	ug/l	98
69) o-Xylene	12.122	106	65749	21.384	ug/l	94
70) Styrene	12.134	104	116862	21.295	ug/l	99
71) Bromoform	12.298	173	24400	22.792	ug/l #	96
73) Isopropylbenzene	12.422	105	168860	19.583	ug/l	100
74) N-amyl acetate	12.228	43	38212	20.112	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	36670	22.128	ug/l	98
76) 1,2,3-Trichloropropane	12.716	75	24221m	20.514	ug/l	
77) Bromobenzene	12.698	156	47293	21.105	ug/l	97
78) n-propylbenzene	12.763	91	215633	20.235	ug/l	97
79) 2-Chlorotoluene	12.845	91	124244	19.882	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	149874	20.537	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	12028	20.850	ug/l	96
82) 4-Chlorotoluene	12.945	91	137031	20.512	ug/l	98
83) tert-Butylbenzene	13.169	119	122215	19.337	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	153597	20.952	ug/l	98
85) sec-Butylbenzene	13.345	105	194052	20.771	ug/l	99
86) p-Isopropyltoluene	13.457	119	161031	20.392	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	94784	20.888	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	92941	20.394	ug/l	99
89) n-Butylbenzene	13.787	91	149611	20.138	ug/l	99
90) Hexachloroethane	14.051	117	36477	21.548	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	82535	20.859	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	5370	21.430	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	51818	20.884	ug/l	97
94) Hexachlorobutadiene	15.204	225	28277	21.086	ug/l	99
95) Naphthalene	15.328	128	87284	20.711	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	45312	20.795	ug/l	97

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

