

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111824\
 Data File : VD080060.D
 Acq On : 18 Nov 2024 10:55
 Operator : RP/MD
 Sample : VD1118SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1118SBS01

Quant Time: Nov 19 04:44:08 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 11/19/2024
 Supervised By :Mahesh Dadoda 11/19/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	178101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	282863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	258933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	141556	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	90569	49.391	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.780%
35) Dibromofluoromethane	7.805	113	93698	49.772	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.540%
50) Toluene-d8	10.269	98	361952	51.013	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.020%
62) 4-Bromofluorobenzene	12.575	95	117407	50.435	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	26054	18.227	ug/l	89
3) Chloromethane	2.146	50	20830	19.816	ug/l	97
4) Vinyl Chloride	2.281	62	24350	20.291	ug/l	96
5) Bromomethane	2.687	94	28089	21.323	ug/l	95
6) Chloroethane	2.834	64	19340	22.547	ug/l	97
7) Trichlorofluoromethane	3.175	101	62694	21.270	ug/l	98
8) Diethyl Ether	3.593	74	15504	18.019	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.970	101	37911	20.590	ug/l	97
10) Methyl Iodide	4.164	142	40594	17.811	ug/l	100
11) Tert butyl alcohol	5.058	59	9009	94.407	ug/l #	96
12) 1,1-Dichloroethene	3.940	96	35104	19.022	ug/l	95
13) Acrolein	3.793	56	15145	82.712	ug/l	99
14) Allyl chloride	4.569	41	46809	17.894	ug/l	97
15) Acrylonitrile	5.264	53	34894	91.286	ug/l	98
16) Acetone	4.022	43	38546	96.882	ug/l	97
17) Carbon Disulfide	4.275	76	111711	18.799	ug/l	96
18) Methyl Acetate	4.569	43	16953	19.213	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	68637	18.231	ug/l	93
20) Methylene Chloride	4.805	84	42508	19.922	ug/l	91
21) trans-1,2-Dichloroethene	5.311	96	37754	18.505	ug/l	93
22) Diisopropyl ether	6.222	45	98725	18.637	ug/l #	97
23) Vinyl Acetate	6.158	43	260471	85.823	ug/l	99
24) 1,1-Dichloroethane	6.111	63	67114	19.049	ug/l	97
25) 2-Butanone	7.087	43	43277	83.238	ug/l	99
26) 2,2-Dichloropropane	7.081	77	57476	18.768	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	43193	18.449	ug/l	93
28) Bromochloromethane	7.428	49	28037	17.882	ug/l	93
29) Tetrahydrofuran	7.452	42	26750	93.926	ug/l	99
30) Chloroform	7.599	83	74516	20.075	ug/l	100
31) Cyclohexane	7.875	56	54643	18.299	ug/l #	85
32) 1,1,1-Trichloroethane	7.793	97	65921	20.753	ug/l	97
36) 1,1-Dichloropropene	8.005	75	50832	19.747	ug/l	99
37) Ethyl Acetate	7.169	43	18960	17.136	ug/l #	94
38) Carbon Tetrachloride	7.993	117	55666	19.793	ug/l	93
39) Methylcyclohexane	9.275	83	56196	18.336	ug/l	92
40) Benzene	8.252	78	154630	19.271	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	10823	18.125	ug/l #	86
42) 1,2-Dichloroethane	8.328	62	42056	20.253	ug/l	99
43) Isopropyl Acetate	8.358	43	37665	18.779	ug/l #	88
44) Trichloroethene	9.028	130	40613	19.560	ug/l	97
45) 1,2-Dichloropropane	9.305	63	38653	20.046	ug/l	96
46) Dibromomethane	9.393	93	22400	19.972	ug/l	96
47) Bromodichloromethane	9.587	83	54740	19.499	ug/l #	98
48) Methyl methacrylate	9.381	41	17744	18.531	ug/l	93
49) 1,4-Dioxane	9.387	88	4518	439.129	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	100223	98.490	ug/l	99
52) Toluene	10.334	92	97423	19.538	ug/l	94
53) t-1,3-Dichloropropene	10.552	75	45844	18.319	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	57049	19.256	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	30157	20.324	ug/l	97
56) Ethyl methacrylate	10.599	69	29695	17.210	ug/l	90
57) 1,3-Dichloropropane	10.875	76	46019	19.065	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	62492	95.761	ug/l	96
59) 2-Hexanone	10.922	43	68836	91.966	ug/l	99
60) Dibromochloromethane	11.075	129	39861	20.871	ug/l	98
61) 1,2-Dibromoethane	11.175	107	29169	20.850	ug/l	98
64) Tetrachloroethene	10.810	164	39119	21.215	ug/l	95
65) Chlorobenzene	11.604	112	111434	19.729	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	39681	20.182	ug/l	96
67) Ethyl Benzene	11.681	91	175565	18.524	ug/l	97
68) m/p-Xylenes	11.793	106	143395	38.715	ug/l	99
69) o-Xylene	12.116	106	65428	19.651	ug/l	93
70) Styrene	12.134	104	114050	19.192	ug/l	99
71) Bromoform	12.298	173	23467	20.243	ug/l #	98
73) Isopropylbenzene	12.422	105	168564	18.465	ug/l	99
74) N-amyl acetate	12.234	43	37701	18.743	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	34967	19.931	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	21810m	17.448	ug/l	
77) Bromobenzene	12.698	156	45573	19.210	ug/l	96
78) n-propylbenzene	12.763	91	215707	19.120	ug/l	98
79) 2-Chlorotoluene	12.846	91	125865	19.025	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	146186	18.921	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	11793	19.309	ug/l	99
82) 4-Chlorotoluene	12.945	91	135386	19.142	ug/l	99
83) tert-Butylbenzene	13.163	119	122734	18.342	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	149083	19.209	ug/l	99
85) sec-Butylbenzene	13.345	105	194603	19.676	ug/l	100
86) p-Isopropyltoluene	13.457	119	163152	19.515	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	94084	19.585	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	94116	19.507	ug/l	98
89) n-Butylbenzene	13.787	91	149507	19.009	ug/l	99
90) Hexachloroethane	14.051	117	35475	19.794	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	81242	19.394	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	4950	18.659	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	53659	20.428	ug/l	98
94) Hexachlorobutadiene	15.198	225	29847	21.024	ug/l	93
95) Naphthalene	15.328	128	83816	18.786	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	47186	20.455	ug/l	97

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

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