

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111924\
 Data File : VD080094.D
 Acq On : 19 Nov 2024 20:07
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Nov 20 03:59:48 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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	164896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	271611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	260085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	141877	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	95306	56.136	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.280%
35) Dibromofluoromethane	7.804	113	96245	53.243	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.480%
50) Toluene-d8	10.269	98	367710	53.971	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.940%
62) 4-Bromofluorobenzene	12.569	95	122401	54.759	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.520%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	67392	50.923	ug/l	98
3) Chloromethane	2.146	50	76414	78.516	ug/l	94
4) Vinyl Chloride	2.281	62	96992	87.296	ug/l	94
5) Bromomethane	2.687	94	83635	75.180	ug/l	99
6) Chloroethane	2.834	64	65113	81.987	ug/l	97
7) Trichlorofluoromethane	3.169	101	141070	51.693	ug/l	97
8) Diethyl Ether	3.599	74	46500	58.370	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.963	101	85412	50.102	ug/l	95
10) Methyl Iodide	4.158	142	116908	55.404	ug/l	97
11) Tert butyl alcohol	5.063	59	26621	301.307	ug/l #	87
12) 1,1-Dichloroethene	3.940	96	87886	51.436	ug/l #	89
13) Acrolein	3.793	56	35563	209.775	ug/l	100
14) Allyl chloride	4.563	41	122824	50.712	ug/l	96
15) Acrylonitrile	5.252	53	101076	285.601	ug/l	98
16) Acetone	4.022	43	88982	241.558	ug/l	91
17) Carbon Disulfide	4.269	76	283959	51.611	ug/l	100
18) Methyl Acetate	4.569	43	49288	60.330	ug/l	95
19) Methyl tert-butyl Ether	5.316	73	209120	59.992	ug/l	96
20) Methylene Chloride	4.805	84	106926	54.125	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	100801	53.365	ug/l	94
22) Diisopropyl ether	6.216	45	281656	57.428	ug/l #	97
23) Vinyl Acetate	6.157	43	804373	286.258	ug/l	98
24) 1,1-Dichloroethane	6.116	63	176683	54.164	ug/l	98
25) 2-Butanone	7.081	43	126841	263.498	ug/l	97
26) 2,2-Dichloropropane	7.075	77	138179	48.732	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	118953	54.876	ug/l	97
28) Bromochloromethane	7.422	49	80571	55.503	ug/l #	95
29) Tetrahydrofuran	7.446	42	80372	304.807	ug/l	98
30) Chloroform	7.599	83	191005	55.580	ug/l	96
31) Cyclohexane	7.875	56	126897	45.900	ug/l	97
32) 1,1,1-Trichloroethane	7.787	97	156069	53.067	ug/l	98
36) 1,1-Dichloropropene	8.010	75	125992	50.972	ug/l	99
37) Ethyl Acetate	7.169	43	58621	55.176	ug/l	97
38) Carbon Tetrachloride	7.987	117	132588	49.096	ug/l	97
39) Methylcyclohexane	9.275	83	141590	48.113	ug/l	97
40) Benzene	8.252	78	407252	52.858	ug/l	96

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41) Methacrylonitrile	7.404	41	26608	46.407	ug/l #	87
42) 1,2-Dichloroethane	8.322	62	109356	54.845	ug/l	98
43) Isopropyl Acetate	8.363	43	106910	55.511	ug/l	99
44) Trichloroethene	9.028	130	102277	51.300	ug/l	97
45) 1,2-Dichloropropane	9.304	63	101384	54.756	ug/l	96
46) Dibromomethane	9.393	93	59778	55.507	ug/l	97
47) Bromodichloromethane	9.581	83	145933	54.137	ug/l	95
48) Methyl methacrylate	9.375	41	53270	57.938	ug/l	99
49) 1,4-Dioxane	9.381	88	13026	1318.518	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	285562	292.248	ug/l	99
52) Toluene	10.328	92	263459	55.026	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	131665	54.793	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	155176	54.546	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	80490	56.493	ug/l	97
56) Ethyl methacrylate	10.598	69	98640	59.537	ug/l	95
57) 1,3-Dichloropropane	10.875	76	130701	56.391	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	171234	273.266	ug/l	95
59) 2-Hexanone	10.916	43	206288	287.021	ug/l	97
60) Dibromochloromethane	11.069	129	104363	56.907	ug/l	99
61) 1,2-Dibromoethane	11.181	107	75341	56.084	ug/l	96
64) Tetrachloroethene	10.804	164	91308	49.298	ug/l	98
65) Chlorobenzene	11.604	112	291224	51.331	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	103011	52.160	ug/l	98
67) Ethyl Benzene	11.681	91	495544	52.055	ug/l	98
68) m/p-Xylenes	11.792	106	390864	105.061	ug/l	100
69) o-Xylene	12.122	106	181473	54.264	ug/l	97
70) Styrene	12.134	104	331836	55.593	ug/l	99
71) Bromoform	12.298	173	63388	54.438	ug/l #	99
73) Isopropylbenzene	12.416	105	463080	50.613	ug/l	99
74) N-aryl acetate	12.228	43	106902	53.027	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	92078	52.366	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	67622m	53.977	ug/l	
77) Bromobenzene	12.698	156	123747	52.044	ug/l	96
78) n-propylbenzene	12.763	91	575960	50.937	ug/l	99
79) 2-Chlorotoluene	12.845	91	343315	51.775	ug/l	100
80) 1,3,5-Trimethylbenzene	12.898	105	406887	52.546	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	32928	53.793	ug/l	95
82) 4-Chlorotoluene	12.945	91	359635	50.734	ug/l	98
83) tert-Butylbenzene	13.163	119	330293	49.250	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	414592	53.297	ug/l	100
85) sec-Butylbenzene	13.339	105	505462	50.990	ug/l	99
86) p-Isopropyltoluene	13.457	119	432405	51.605	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	245315	50.949	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	243154	50.283	ug/l	98
89) n-Butylbenzene	13.787	91	396115	50.249	ug/l	99
90) Hexachloroethane	14.051	117	88304	49.160	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	219805	52.353	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.439	75	13999	52.650	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	136988	52.033	ug/l	99
94) Hexachlorobutadiene	15.204	225	70827	49.776	ug/l	100
95) Naphthalene	15.328	128	253675	56.727	ug/l	100
96) 1,2,3-Trichlorobenzene	15.516	180	126856	54.868	ug/l	98

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

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