

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079594.D
 Acq On : 05 Aug 2024 21:51
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 06 02:29:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/06/2024
 Supervised By :Mahesh Dadoda 08/08/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	230437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	401629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	378605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	192143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	126657	54.103	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.200%			
35) Dibromofluoromethane	7.804	113	133409	49.076	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.160%			
50) Toluene-d8	10.269	98	524041	49.641	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.280%			
62) 4-Bromofluorobenzene	12.569	95	153629	50.290	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.580%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	74296	41.149	ug/l	96
3) Chloromethane	2.146	50	155207	46.654	ug/l	99
4) Vinyl Chloride	2.281	62	183712	46.444	ug/l	99
5) Bromomethane	2.687	94	112629	44.840	ug/l	97
6) Chloroethane	2.834	64	111937	44.038	ug/l	100
7) Trichlorofluoromethane	3.169	101	174993	44.485	ug/l	99
8) Diethyl Ether	3.587	74	60544	50.951	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.963	101	107180	43.079	ug/l	98
10) Methyl Iodide	4.163	142	143294	47.650	ug/l	97
11) Tert butyl alcohol	5.051	59	30971	290.830	ug/l #	81
12) 1,1-Dichloroethene	3.940	96	114143	45.844	ug/l	87
13) Acrolein	3.798	56	34593	209.768	ug/l	98
14) Allyl chloride	4.557	41	166692	50.700	ug/l #	85
15) Acrylonitrile	5.251	53	149186	268.672	ug/l	96
16) Acetone	4.016	43	103870	228.306	ug/l	99
17) Carbon Disulfide	4.269	76	371229	45.169	ug/l	96
18) Methyl Acetate	4.563	43	70515	49.920	ug/l #	87
19) Methyl tert-butyl Ether	5.316	73	273180	53.751	ug/l	98
20) Methylene Chloride	4.792	84	163359	48.272	ug/l #	86
21) trans-1,2-Dichloroethene	5.310	96	136053	48.642	ug/l #	80
22) Diisopropyl ether	6.222	45	399878	54.663	ug/l #	94
23) Vinyl Acetate	6.151	43	1517101	275.883	ug/l #	92
24) 1,1-Dichloroethane	6.110	63	247790	50.546	ug/l	96
25) 2-Butanone	7.081	43	160896	249.450	ug/l	93
26) 2,2-Dichloropropane	7.075	77	182588	46.047	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	159981	50.039	ug/l	89
28) Bromochloromethane	7.422	49	116376	54.136	ug/l #	72
29) Tetrahydrofuran	7.439	42	107869	269.856	ug/l #	83
30) Chloroform	7.592	83	249984	50.355	ug/l	100
31) Cyclohexane	7.875	56	171262	44.049	ug/l	87
32) 1,1,1-Trichloroethane	7.792	97	197660	48.251	ug/l	98
36) 1,1-Dichloropropene	8.010	75	171035	46.097	ug/l	96
37) Ethyl Acetate	7.169	43	76529	50.306	ug/l	97
38) Carbon Tetrachloride	7.992	117	174236	44.671	ug/l	99
39) Methylcyclohexane	9.275	83	188553	42.592	ug/l	89
40) Benzene	8.251	78	564044	47.862	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	41037	49.042	ug/l #	88
42) 1,2-Dichloroethane	8.322	62	138814	49.431	ug/l	97
43) Isopropyl Acetate	8.363	43	146336	51.183	ug/l	93
44) Trichloroethene	9.028	130	131247	44.739	ug/l	92
45) 1,2-Dichloropropane	9.304	63	141591	49.371	ug/l	98
46) Dibromomethane	9.392	93	76319	48.003	ug/l	93
47) Bromodichloromethane	9.586	83	191079	48.946	ug/l	98
48) Methyl methacrylate	9.380	41	68785	53.758	ug/l #	83
49) 1,4-Dioxane	9.380	88	15466	938.798	ug/l #	82
51) 4-Methyl-2-Pentanone	10.157	43	391965	268.526	ug/l	94
52) Toluene	10.333	92	351325	48.203	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	173192	48.041	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	212676	49.044	ug/l #	92
55) 1,1,2-Trichloroethane	10.733	97	103019	49.189	ug/l	94
56) Ethyl methacrylate	10.598	69	133158	53.659	ug/l	92
57) 1,3-Dichloropropane	10.875	76	176385	49.562	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	323112	282.335	ug/l	90
59) 2-Hexanone	10.922	43	267569	262.832	ug/l	94
60) Dibromochloromethane	11.075	129	127826	46.721	ug/l	97
61) 1,2-Dibromoethane	11.180	107	94115	47.967	ug/l	95
64) Tetrachloroethene	10.810	164	108348	42.440	ug/l	97
65) Chlorobenzene	11.604	112	385072	45.931	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.680	131	129591	46.981	ug/l	98
67) Ethyl Benzene	11.680	91	654314	47.674	ug/l	97
68) m/p-Xylenes	11.792	106	517151	94.976	ug/l	92
69) o-Xylene	12.121	106	241321	48.352	ug/l	91
70) Styrene	12.133	104	433787	49.575	ug/l	97
71) Bromoform	12.298	173	72354	46.400	ug/l #	100
73) Isopropylbenzene	12.416	105	606123	42.691	ug/l	100
74) N-amyl acetate	12.233	43	145967	51.650	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	118442	47.450	ug/l	97
76) 1,2,3-Trichloropropane	12.721	75	89180m	53.099	ug/l	
77) Bromobenzene	12.698	156	146548	45.486	ug/l	89
78) n-propylbenzene	12.763	91	761258	47.397	ug/l	97
79) 2-Chlorotoluene	12.845	91	419955	46.958	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	512981	47.928	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	44116	50.098	ug/l	99
82) 4-Chlorotoluene	12.945	91	443547	47.575	ug/l	96
83) tert-Butylbenzene	13.163	119	434297	42.478	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	521425	43.760	ug/l	99
85) sec-Butylbenzene	13.345	105	657723	46.201	ug/l	100
86) p-Isopropyltoluene	13.457	119	555575	41.921	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	293675	44.005	ug/l	97
88) 1,4-Dichlorobenzene	13.533	146	295043	44.968	ug/l	98
89) n-Butylbenzene	13.786	91	524958	42.791	ug/l	98
90) Hexachloroethane	14.051	117	112414	45.146	ug/l	98
91) 1,2-Dichlorobenzene	13.827	146	256516	44.974	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	15684	47.222	ug/l	87
93) 1,2,4-Trichlorobenzene	15.092	180	155856	43.370	ug/l	99
94) Hexachlorobutadiene	15.198	225	79989	41.241	ug/l	96
95) Naphthalene	15.327	128	297525	47.835	ug/l	99
96) 1,2,3-Trichlorobenzene	15.515	180	136423	43.156	ug/l	99

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

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