

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031524\
 Data File : VD078687.D
 Acq On : 15 Mar 2024 17:09
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 16 05:27:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/18/2024
 Supervised By :Semsettin Yesilyurt 03/18/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	107049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	179448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	176164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	49209	49.051	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.100%		
35) Dibromofluoromethane	7.810	113	56679	49.057	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.120%		
50) Toluene-d8	10.269	98	210497	49.539	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.080%		
62) 4-Bromofluorobenzene	12.575	95	62721	50.455	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.920%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	45892	46.062	ug/l	99
3) Chloromethane	2.146	50	81187	51.609	ug/l	99
4) Vinyl Chloride	2.281	62	123321	53.141	ug/l	94
5) Bromomethane	2.687	94	107653	48.451	ug/l	100
6) Chloroethane	2.834	64	96535	53.341	ug/l	94
7) Trichlorofluoromethane	3.169	101	88308	48.101	ug/l	98
8) Diethyl Ether	3.593	74	26727	49.861	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	55389	48.073	ug/l	99
10) Methyl Iodide	4.164	142	71018	52.108	ug/l	97
11) Tert butyl alcohol	5.046	59	12470	277.748	ug/l #	92
12) 1,1-Dichloroethene	3.934	96	52671	48.089	ug/l	87
13) Acrolein	3.793	56	13921	197.937	ug/l	93
14) Allyl chloride	4.564	41	61282	50.143	ug/l	97
15) Acrylonitrile	5.258	53	58223	269.448	ug/l	97
16) Acetone	4.022	43	48426	249.623	ug/l	96
17) Carbon Disulfide	4.269	76	173919	48.436	ug/l	100
18) Methyl Acetate	4.569	43	24905	59.820	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	118506	53.651	ug/l	96
20) Methylene Chloride	4.799	84	67966	51.538	ug/l	98
21) trans-1,2-Dichloroethene	5.311	96	66554	51.496	ug/l	92
22) Diisopropyl ether	6.222	45	150324	54.100	ug/l	93
23) Vinyl Acetate	6.152	43	444463m	273.459	ug/l	
24) 1,1-Dichloroethane	6.111	63	107714	51.705	ug/l	96
25) 2-Butanone	7.081	43	67034	259.902	ug/l	99
26) 2,2-Dichloropropane	7.069	77	86496	49.074	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	74931	50.832	ug/l	98
28) Bromochloromethane	7.428	49	25913	34.890	ug/l	99
29) Tetrahydrofuran	7.446	42	41420	295.258	ug/l	97
30) Chloroform	7.593	83	119041	51.250	ug/l	97
31) Cyclohexane	7.875	56	78828	46.748	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	98451	49.956	ug/l	98
36) 1,1-Dichloropropene	8.005	75	85943	51.267	ug/l	100
37) Ethyl Acetate	7.169	43	29927	54.646	ug/l	97
38) Carbon Tetrachloride	7.993	117	88433	50.039	ug/l	97
39) Methylcyclohexane	9.275	83	98128	50.461	ug/l	94
40) Benzene	8.252	78	267551	52.798	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	13735	47.859	ug/l #	91
42) 1,2-Dichloroethane	8.322	62	67941	54.978	ug/l	100
43) Isopropyl Acetate	8.363	43	53338	53.555	ug/l #	80
44) Trichloroethene	9.028	130	68478	49.794	ug/l	97
45) 1,2-Dichloropropane	9.304	63	63652	52.951	ug/l	96
46) Dibromomethane	9.393	93	38763	53.793	ug/l	95
47) Bromodichloromethane	9.587	83	91966	53.611	ug/l	98
48) Methyl methacrylate	9.381	41	27314	56.285	ug/l	97
49) 1,4-Dioxane	9.381	88	7873	1180.011	ug/l	90
51) 4-Methyl-2-Pentanone	10.157	43	148790	285.762	ug/l	100
52) Toluene	10.334	92	171705	52.630	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	84403	53.813	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	98568	52.277	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	51791	53.671	ug/l	95
56) Ethyl methacrylate	10.599	69	53090	54.881	ug/l	97
57) 1,3-Dichloropropane	10.875	76	83461	53.602	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	117120	274.576	ug/l	97
59) 2-Hexanone	10.922	43	108288	280.551	ug/l	98
60) Dibromochloromethane	11.075	129	65244	54.826	ug/l	99
61) 1,2-Dibromoethane	11.175	107	49864	53.396	ug/l	98
64) Tetrachloroethene	10.810	164	57712	49.505	ug/l	98
65) Chlorobenzene	11.604	112	184808	50.202	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	70864	52.562	ug/l	97
67) Ethyl Benzene	11.681	91	322604	51.426	ug/l	97
68) m/p-Xylenes	11.793	106	266202	104.502	ug/l	98
69) o-Xylene	12.122	106	121958	51.746	ug/l	96
70) Styrene	12.134	104	215328	54.432	ug/l	99
71) Bromoform	12.298	173	38599	52.978	ug/l #	95
73) Isopropylbenzene	12.422	105	305951	50.621	ug/l	100
74) N-amyl acetate	12.234	43	54642	55.684	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	59294	52.995	ug/l	99
76) 1,2,3-Trichloropropane	12.716	75	37231m	52.643	ug/l	
77) Bromobenzene	12.698	156	75990	50.698	ug/l	98
78) n-propylbenzene	12.763	91	384278	52.234	ug/l	100
79) 2-Chlorotoluene	12.845	91	204238	50.605	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	265254	53.072	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	18249	54.087	ug/l	95
82) 4-Chlorotoluene	12.945	91	221741	51.945	ug/l	99
83) tert-Butylbenzene	13.163	119	227410	52.769	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	270335	53.672	ug/l	98
85) sec-Butylbenzene	13.345	105	345845	53.029	ug/l	98
86) p-Isopropyltoluene	13.457	119	293721	52.609	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	163324	51.635	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	158044	50.700	ug/l	98
89) n-Butylbenzene	13.787	91	264103	52.378	ug/l	98
90) Hexachloroethane	14.051	117	57957	50.169	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	141112	51.799	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7454	49.802	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	76551	48.149	ug/l	99
94) Hexachlorobutadiene	15.204	225	40850	47.460	ug/l	99
95) Naphthalene	15.334	128	145589	52.670	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	69295	50.381	ug/l	96

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

