

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060723\
 Data File : VD076351.D
 Acq On : 07 Jun 2023 13:11
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 08 01:17:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/08/2023
 Supervised By :Mahesh Dadoda 06/08/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	194983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	333294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	309947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	161767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	96383	55.169	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.340%			
35) Dibromofluoromethane	7.804	113	114440	54.078	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.160%			
50) Toluene-d8	10.269	98	455035	54.006	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.020%			
62) 4-Bromofluorobenzene	12.575	95	123428	55.355	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	82432	43.656	ug/l	95
3) Chloromethane	2.146	50	184026	50.719	ug/l	97
4) Vinyl Chloride	2.281	62	220816	46.370	ug/l	98
5) Bromomethane	2.687	94	145485	47.088	ug/l	99
6) Chloroethane	2.834	64	153375	48.062	ug/l	98
7) Trichlorofluoromethane	3.169	101	141339	44.702	ug/l	99
8) Diethyl Ether	3.587	74	57564	55.812	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.958	101	91294	45.141	ug/l	98
10) Methyl Iodide	4.157	142	138734	49.293	ug/l	98
11) Tert butyl alcohol	5.046	59	25328	259.406	ug/l	97
12) 1,1-Dichloroethene	3.940	96	105774	49.268	ug/l	99
13) Acrolein	3.793	56	69617	327.728	ug/l	97
14) Allyl chloride	4.557	41	111395	52.805	ug/l	97
15) Acrylonitrile	5.252	53	114084	277.001	ug/l	99
16) Acetone	4.016	43	94947	296.717	ug/l	95
17) Carbon Disulfide	4.263	76	347334	48.503	ug/l	98
18) Methyl Acetate	4.563	43	74122	54.622	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	223800	56.580	ug/l	97
20) Methylene Chloride	4.793	84	144097	55.287	ug/l	97
21) trans-1,2-Dichloroethene	5.310	96	129068	51.880	ug/l	96
22) Diisopropyl ether	6.216	45	271434	57.857	ug/l	97
23) Vinyl Acetate	6.152	43	517379m	293.107	ug/l	
24) 1,1-Dichloroethane	6.110	63	203174	53.027	ug/l	99
25) 2-Butanone	7.081	43	119321	269.291	ug/l	99
26) 2,2-Dichloropropane	7.075	77	154523	48.703	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	147077	54.725	ug/l	97
28) Bromochloromethane	7.422	49	51954	55.338	ug/l	99
29) Tetrahydrofuran	7.446	42	74599	285.370	ug/l	99
30) Chloroform	7.593	83	215855	53.679	ug/l	95
31) Cyclohexane	7.875	56	129215	44.054	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	162304	50.685	ug/l	98
36) 1,1-Dichloropropene	8.004	75	146955	48.334	ug/l	99
37) Ethyl Acetate	7.169	43	53946	53.779	ug/l	97
38) Carbon Tetrachloride	7.987	117	127662	47.898	ug/l	97
39) Methylcyclohexane	9.275	83	156555	45.065	ug/l	98
40) Benzene	8.251	78	497485	51.725	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	27249	53.318	ug/l #	86
42) 1,2-Dichloroethane	8.322	62	115024	51.782	ug/l	100
43) Isopropyl Acetate	8.357	43	94305	52.457	ug/l	99
44) Trichloroethene	9.028	130	132065	49.108	ug/l	98
45) 1,2-Dichloropropane	9.304	63	121647	53.891	ug/l	99
46) Dibromomethane	9.393	93	67508	52.833	ug/l	99
47) Bromodichloromethane	9.581	83	160762	53.670	ug/l	96
48) Methyl methacrylate	9.381	41	42160	51.767	ug/l	95
49) 1,4-Dioxane	9.387	88	15495	1106.436	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	262594	277.116	ug/l	99
52) Toluene	10.334	92	317213	53.632	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	148406	53.386	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	184956	53.840	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	96879	53.548	ug/l	98
56) Ethyl methacrylate	10.598	69	101674	55.101	ug/l	98
57) 1,3-Dichloropropane	10.881	76	152853	53.194	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	207138	267.363	ug/l	99
59) 2-Hexanone	10.922	43	190300	292.700	ug/l	100
60) Dibromochloromethane	11.075	129	109554	53.418	ug/l	97
61) 1,2-Dibromoethane	11.181	107	88111	53.523	ug/l	99
64) Tetrachloroethene	10.810	164	107099	48.240	ug/l	99
65) Chlorobenzene	11.610	112	339541	51.129	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	119978	53.809	ug/l	97
67) Ethyl Benzene	11.687	91	560850	52.405	ug/l	99
68) m/p-Xylenes	11.792	106	469521	106.128	ug/l	98
69) o-Xylene	12.122	106	213946	53.637	ug/l	99
70) Styrene	12.139	104	386038	56.434	ug/l	100
71) Bromoform	12.298	173	64946	53.991	ug/l #	98
73) Isopropylbenzene	12.422	105	516147	49.840	ug/l	100
74) N-amyl acetate	12.234	43	90116	50.745	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	105698	50.986	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	61222m	40.543	ug/l	
77) Bromobenzene	12.704	156	141277	51.885	ug/l	99
78) n-propylbenzene	12.763	91	648971	50.686	ug/l	98
79) 2-Chlorotoluene	12.851	91	358265	51.298	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	436151	51.074	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	31551	50.043	ug/l	97
82) 4-Chlorotoluene	12.951	91	372228	50.057	ug/l	99
83) tert-Butylbenzene	13.169	119	353208	49.324	ug/l	100
84) 1,2,4-Trimethylbenzene	13.216	105	450248	52.792	ug/l	100
85) sec-Butylbenzene	13.345	105	544156	49.403	ug/l	98
86) p-Isopropyltoluene	13.463	119	463081	50.722	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	283613	51.669	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	277142	49.866	ug/l	100
89) n-Butylbenzene	13.792	91	422104	49.743	ug/l	99
90) Hexachloroethane	14.057	117	86881	47.396	ug/l	99
91) 1,2-Dichlorobenzene	13.833	146	243849	51.169	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	13017	47.531	ug/l	95
93) 1,2,4-Trichlorobenzene	15.104	180	144459	52.154	ug/l	97
94) Hexachlorobutadiene	15.204	225	64179	47.390	ug/l	99
95) Naphthalene	15.333	128	273568	47.512	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	129268	52.773	ug/l	100

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

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