

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
 Data File : VD074360.D
 Acq On : 20 Sep 2022 11:43
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

09/21/2022
 Supervised By :Mahesh
 Dadoda

Quant Time: Sep 21 02:35:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	105955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	180048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	164864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	76504	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	54972	53.266	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.540%	
35) Dibromofluoromethane	7.799	113	57892	48.821	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.640%	
50) Toluene-d8	10.269	98	230991	56.455	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.900%	
62) 4-Bromofluorobenzene	12.569	95	71893	52.085	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.160%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	40711	41.710	ug/l	94
3) Chloromethane	2.140	50	64623	69.621	ug/l	97
4) Vinyl Chloride	2.275	62	44336	48.669	ug/l	99
5) Bromomethane	2.681	94	15667	27.818	ug/l	98
6) Chloroethane	2.822	64	26854	50.174	ug/l	100
7) Trichlorofluoromethane	3.164	101	83599	47.093	ug/l	96
8) Diethyl Ether	3.587	74	30963	54.718	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.958	101	56103	50.263	ug/l	99
10) Methyl Iodide	4.152	142	49892	36.185	ug/l	98
11) Tert butyl alcohol	5.040	59	36265	519.975	ug/l #	85
12) 1,1-Dichloroethene	3.928	96	55735	49.053	ug/l	95
13) Acrolein	3.793	56	11812	157.044	ug/l	100
14) Allyl chloride	4.552	41	84431	51.345	ug/l	99
15) Acrylonitrile	5.246	53	72876	292.183	ug/l	99
16) Acetone	4.016	43	71472	307.399	ug/l	97
17) Carbon Disulfide	4.264	76	153545	41.502	ug/l	99
18) Methyl Acetate	4.564	43	34150	53.791	ug/l	98
19) Methyl tert-butyl Ether	5.311	73	141617	58.203	ug/l	99
20) Methylene Chloride	4.787	84	72769	50.099	ug/l	97
21) trans-1,2-Dichloroethene	5.305	96	62478	49.663	ug/l	98
22) Diisopropyl ether	6.210	45	193615	55.903	ug/l	99
23) Vinyl Acetate	6.146	43	521631	293.940	ug/l	99
24) 1,1-Dichloroethane	6.105	63	119397	53.559	ug/l	97
25) 2-Butanone	7.075	43	97147	280.525	ug/l	96
26) 2,2-Dichloropropane	7.075	77	103643	56.319	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	74671	53.573	ug/l	97
28) Bromochloromethane	7.422	49	47162	54.788	ug/l	97
29) Tetrahydrofuran	7.434	42	54774	275.992	ug/l	99
30) Chloroform	7.593	83	118201	53.922	ug/l	94
31) Cyclohexane	7.869	56	97080	44.852	ug/l	98
32) 1,1,1-Trichloroethane	7.787	97	101882	52.687	ug/l	99
36) 1,1-Dichloropropene	8.005	75	88868	49.095	ug/l	100
37) Ethyl Acetate	7.163	43	40247	55.500	ug/l	97
38) Carbon Tetrachloride	7.981	117	75130	46.836	ug/l	95
39) Methylcyclohexane	9.269	83	107239	48.979	ug/l	97
40) Benzene	8.246	78	261439	51.511	ug/l	99

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41) Methacrylonitrile	7.393	41	19060	48.423	ug/l #	70
42) 1,2-Dichloroethane	8.322	62	68635	52.950	ug/l	99
43) Isopropyl Acetate	8.357	43	76055	56.847	ug/l	99
44) Trichloroethene	9.028	130	72060	54.002	ug/l	89
45) 1,2-Dichloropropane	9.304	63	69511	54.457	ug/l	99
46) Dibromomethane	9.393	93	35291	53.751	ug/l	97
47) Bromodichloromethane	9.581	83	89502	55.345	ug/l	98
48) Methyl methacrylate	9.381	41	35559	54.922	ug/l	98
49) 1,4-Dioxane	9.387	88	8500	1182.982	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	204138	290.414	ug/l	99
52) Toluene	10.334	92	167220	53.489	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	90239	62.543	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	105325	56.423	ug/l	99
55) 1,1,2-Trichloroethane	10.728	97	49495	57.229	ug/l	98
56) Ethyl methacrylate	10.593	69	65906	58.173	ug/l	99
57) 1,3-Dichloropropane	10.875	76	86835	55.553	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.863	63	53739	173.130	ug/l	97
59) 2-Hexanone	10.922	43	144604	294.107	ug/l	100
60) Dibromochloromethane	11.069	129	58611	56.592	ug/l	100
61) 1,2-Dibromoethane	11.175	107	45481	54.758	ug/l	97
64) Tetrachloroethene	10.810	164	60752	54.364	ug/l	91
65) Chlorobenzene	11.604	112	177015	52.118	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.675	131	62754	53.804	ug/l	99
67) Ethyl Benzene	11.681	91	332591	53.376	ug/l	99
68) m/p-Xylenes	11.787	106	251582	105.404	ug/l	100
69) o-Xylene	12.116	106	119525	54.796	ug/l	99
70) Styrene	12.134	104	202617	54.542	ug/l	99
71) Bromoform	12.298	173	32818	52.435	ug/l #	100
73) Isopropylbenzene	12.416	105	314037	53.371	ug/l	99
74) N-amyl acetate	12.228	43	73933	56.856	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	55843	54.623	ug/l	100
76) 1,2,3-Trichloropropane	12.716	75	39744m	56.149	ug/l	
77) Bromobenzene	12.698	156	71003	55.223	ug/l	96
78) n-propylbenzene	12.757	91	389012	53.297	ug/l	100
79) 2-Chlorotoluene	12.845	91	205289	53.332	ug/l	99
80) 1,3,5-Trimethylbenzene	12.898	105	254763	52.951	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.463	75	17722	62.749	ug/l #	100
82) 4-Chlorotoluene	12.940	91	208354	52.196	ug/l	95
83) tert-Butylbenzene	13.157	119	227899	53.416	ug/l	98
84) 1,2,4-Trimethylbenzene	13.204	105	256306	54.148	ug/l	99
85) sec-Butylbenzene	13.340	105	341875	53.998	ug/l	99
86) p-Isopropyltoluene	13.451	119	282522	53.395	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	139071	52.619	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	137747	53.328	ug/l	99
89) n-Butylbenzene	13.781	91	277260	53.500	ug/l	99
90) Hexachloroethane	14.045	117	43251	43.310	ug/l	98
91) 1,2-Dichlorobenzene	13.822	146	119747	53.735	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.439	75	8021	52.780	ug/l	94
93) 1,2,4-Trichlorobenzene	15.092	180	83566	55.589	ug/l	99
94) Hexachlorobutadiene	15.192	225	45376	53.131	ug/l	99
95) Naphthalene	15.322	128	160071	57.447	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	72132	55.831	ug/l	99

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

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