

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081922\
 Data File : VD074149.D
 Acq On : 19 Aug 2022 15:30
 Operator : VA/SY
 Sample : VD0819SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0819SBS01

Quant Time: Aug 20 01:23:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 19 09:25:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/22/2022
 Supervised By :Mahesh Dadoda 08/22/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	11221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	21241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	24214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	12911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	8811	113.201	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 226.400%#			
35) Dibromofluoromethane	7.908	113	7356	72.522	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 145.040%			
50) Toluene-d8	10.332	98	15115	52.219	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.440%			
62) 4-Bromofluorobenzene	12.620	95	9799	61.652	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 123.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	2443	20.397	ug/l	91
3) Chloromethane	2.203	50	2645	26.194	ug/l	92
4) Vinyl Chloride	2.344	62	2025	21.287	ug/l #	83
5) Bromomethane	2.767	94	2431	42.836	ug/l	90
6) Chloroethane	2.914	64	1568	27.118	ug/l #	84
7) Trichlorofluoromethane	3.273	101	4490	20.667	ug/l	89
8) Diethyl Ether	3.709	74	2730	45.028	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	2618	20.454	ug/l #	82
10) Methyl Iodide	4.291	142	3028	20.681	ug/l #	72
11) Tert butyl alcohol	5.220	59	5217	656.009	ug/l #	93
12) 1,1-Dichloroethene	4.056	96	2297	19.043	ug/l	93
13) Acrolein	3.920	56	5472	528.487	ug/l	99
14) Allyl chloride	4.709	41	5456	27.488	ug/l	89
15) Acrylonitrile	5.414	53	14818	506.032	ug/l	97
16) Acetone	4.156	43	14983	619.778	ug/l #	83
17) Carbon Disulfide	4.403	76	7895	19.487	ug/l	96
18) Methyl Acetate	4.714	43	7813	103.431	ug/l #	88
19) Methyl tert-butyl Ether	5.467	73	13261	47.455	ug/l	98
20) Methylene Chloride	4.956	84	6394	35.015	ug/l #	82
21) trans-1,2-Dichloroethene	5.473	96	3371	24.114	ug/l #	57
22) Diisopropyl ether	6.367	45	11597	29.436	ug/l #	93
23) Vinyl Acetate	6.303	43	43459	197.880	ug/l	97
24) 1,1-Dichloroethane	6.255	63	6481	25.987	ug/l #	93
25) 2-Butanone	7.202	43	23101	585.630	ug/l #	90
26) 2,2-Dichloropropane	7.197	77	6114	28.566	ug/l	96
27) cis-1,2-Dichloroethene	7.202	96	4107	27.412	ug/l	93
28) Bromochloromethane	7.550	49	3409m	42.925	ug/l	
29) Tetrahydrofuran	7.561	42	12879	538.343	ug/l	94
30) Chloroform	7.708	83	7400	28.763	ug/l	95
31) Cyclohexane	7.979	56	3391	14.270	ug/l	97
32) 1,1,1-Trichloroethane	7.891	97	5103	22.292	ug/l	99
36) 1,1-Dichloropropene	8.102	75	4120	18.949	ug/l	95
37) Ethyl Acetate	7.291	43	7954	81.635	ug/l #	93
38) Carbon Tetrachloride	8.097	117	3557	16.543	ug/l #	71
39) Methylcyclohexane	9.344	83	3509	13.846	ug/l #	76
40) Benzene	8.344	78	13318	22.183	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	4328	86.322	ug/l #	64
42) 1,2-Dichloroethane	8.414	62	7518	42.104	ug/l	97
43) Isopropyl Acetate	8.444	43	12093	67.020	ug/l #	97
44) Trichloroethene	9.102	130	3783	23.332	ug/l	76
45) 1,2-Dichloropropane	9.379	63	3989	26.225	ug/l #	77
46) Dibromomethane	9.467	93	3733	44.014	ug/l	89
47) Bromodichloromethane	9.655	83	6456	30.107	ug/l	92
48) Methyl methacrylate	9.444	41	5329	59.928	ug/l	94
49) 1,4-Dioxane	9.444	88	2407	2647.433	ug/l	90
51) 4-Methyl-2-Pentanone	10.220	43	35735	384.819	ug/l	95
52) Toluene	10.396	92	7993	21.572	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	6194	31.790	ug/l #	66
54) cis-1,3-Dichloropropene	10.079	75	7112	30.582	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	5242	46.943	ug/l	92
56) Ethyl methacrylate	10.655	69	5976	43.770	ug/l	96
57) 1,3-Dichloropropane	10.932	76	8023	40.581	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	8301	207.422	ug/l	99
59) 2-Hexanone	10.973	43	25521	412.050	ug/l	98
60) Dibromochloromethane	11.126	129	5775	41.068	ug/l	100
61) 1,2-Dibromoethane	11.232	107	5811	53.560	ug/l	99
64) Tetrachloroethene	10.855	164	2883	17.541	ug/l #	84
65) Chlorobenzene	11.655	112	10102	20.510	ug/l #	85
66) 1,1,1,2-Tetrachloroethane	11.732	131	4323	24.265	ug/l	97
67) Ethyl Benzene	11.732	91	12612	14.499	ug/l #	80
68) m/p-Xylenes	11.838	106	10054	30.072	ug/l	95
69) o-Xylene	12.167	106	5365	17.168	ug/l	88
70) Styrene	12.185	104	9176	17.190	ug/l	98
71) Bromoform	12.343	173	4590	48.180	ug/l #	90
73) Isopropylbenzene	12.467	105	11533	12.265	ug/l	97
74) N-amyl acetate	12.273	43	8277	35.070	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	8593	47.736	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	5808m	43.439	ug/l	
77) Bromobenzene	12.743	156	4829	22.400	ug/l	87
78) n-propylbenzene	12.808	91	14210	12.190	ug/l	99
79) 2-Chlorotoluene	12.896	91	10052	15.024	ug/l	98
80) 1,3,5-Trimethylbenzene	12.943	105	9607	12.220	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.514	75	1983	38.809	ug/l	94
82) 4-Chlorotoluene	12.990	91	10897	15.476	ug/l	99
83) tert-Butylbenzene	13.208	119	8669	13.040	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	10218	13.194	ug/l	95
85) sec-Butylbenzene	13.385	105	12166	12.038	ug/l	99
86) p-Isopropyltoluene	13.496	119	10358	12.346	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	8750	20.335	ug/l	95
88) 1,4-Dichlorobenzene	13.573	146	8772	20.416	ug/l	98
89) n-Butylbenzene	13.820	91	10184	12.447	ug/l	97
90) Hexachloroethane	14.085	117	2507	15.288	ug/l	89
91) 1,2-Dichlorobenzene	13.873	146	8892	23.382	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.479	75	2194	71.019	ug/l	95
93) 1,2,4-Trichlorobenzene	15.137	180	4747	21.350	ug/l	96
94) Hexachlorobutadiene	15.237	225	2145	18.188	ug/l	95
95) Naphthalene	15.379	128	15556	34.543	ug/l	98
96) 1,2,3-Trichlorobenzene	15.567	180	5446	27.774	ug/l	96

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

