

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
 Data File : VD071983.D
 Acq On : 16 Feb 2022 09:37
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 17 00:45:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2022
 Supervised By :Mahesh Dadoda 02/18/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	324887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	535147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	511646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	261605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	208571	50.792	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.580%			
35) Dibromofluoromethane	7.914	113	189125	53.764	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.520%			
50) Toluene-d8	10.338	98	679891	51.753	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.500%			
62) 4-Bromofluorobenzene	12.626	95	247976	54.052	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	169050	43.879	ug/l	96
3) Chloromethane	2.215	50	205008	44.445	ug/l	98
4) Vinyl Chloride	2.356	62	238597	49.409	ug/l	99
5) Bromomethane	2.773	94	167588	52.597	ug/l	95
6) Chloroethane	2.926	64	163311	53.364	ug/l	98
7) Trichlorofluoromethane	3.279	101	332595	48.058	ug/l	97
8) Diethyl Ether	3.715	74	85959	47.073	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.097	101	192200	49.227	ug/l	97
10) Methyl Iodide	4.309	142	204145	51.002	ug/l	97
11) Tert butyl alcohol	5.209	59	45322	172.362	ug/l #	74
12) 1,1-Dichloroethene	4.073	96	175722	49.231	ug/l	98
13) Acrolein	3.926	56	67995	186.425	ug/l	98
14) Allyl chloride	4.720	41	336553	49.466	ug/l	95
15) Acrylonitrile	5.415	53	230984	248.883	ug/l	98
16) Acetone	4.150	43	307616	273.658	ug/l	100
17) Carbon Disulfide	4.415	76	551436	44.307	ug/l	98
18) Methyl Acetate	4.720	43	108339	44.577	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	429951	50.352	ug/l	99
20) Methylene Chloride	4.968	84	211034	51.550	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	209713	50.470	ug/l	96
22) Diisopropyl ether	6.367	45	749009	56.169	ug/l	95
23) Vinyl Acetate	6.309	43	2025884	275.395	ug/l	99
24) 1,1-Dichloroethane	6.267	63	425461	54.740	ug/l	98
25) 2-Butanone	7.209	43	334816	255.499	ug/l	98
26) 2,2-Dichloropropane	7.209	77	349986	54.414	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	236593	53.013	ug/l	97
28) Bromochloromethane	7.550	49	146594	50.005	ug/l	98
29) Tetrahydrofuran	7.561	42	191122	246.491	ug/l	98
30) Chloroform	7.709	83	427814	53.877	ug/l	98
31) Cyclohexane	7.985	56	370091	47.208	ug/l	99
32) 1,1,1-Trichloroethane	7.903	97	366360	52.308	ug/l	98
36) 1,1-Dichloropropene	8.108	75	324658	53.773	ug/l	99
37) Ethyl Acetate	7.285	43	139553	49.715	ug/l	99
38) Carbon Tetrachloride	8.097	117	320714	53.714	ug/l	98
39) Methylcyclohexane	9.355	83	355686	50.843	ug/l	96
40) Benzene	8.350	78	880704	54.039	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	78998	49.746	ug/l	96
42) 1,2-Dichloroethane	8.420	62	277657	53.953	ug/l	100
43) Isopropyl Acetate	8.450	43	263254	52.180	ug/l	98
44) Trichloroethene	9.108	130	216987	51.565	ug/l	97
45) 1,2-Dichloropropane	9.385	63	235501	56.041	ug/l	98
46) Dibromomethane	9.473	93	118203	53.720	ug/l	98
47) Bromodichloromethane	9.661	83	320437	55.065	ug/l	99
48) Methyl methacrylate	9.456	41	133833	50.124	ug/l	94
49) 1,4-Dioxane	9.461	88	23238	925.276	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	696249	263.717	ug/l	97
52) Toluene	10.397	92	555756	54.839	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	286259	53.560	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	332863	53.131	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	156442	53.571	ug/l	97
56) Ethyl methacrylate	10.655	69	189935	52.532	ug/l	98
57) 1,3-Dichloropropane	10.938	76	281318	53.961	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	417715	245.418	ug/l	97
59) 2-Hexanone	10.979	43	509533	265.904	ug/l	98
60) Dibromochloromethane	11.138	129	197154	54.672	ug/l	97
61) 1,2-Dibromoethane	11.238	107	145326	51.652	ug/l	99
64) Tetrachloroethene	10.873	164	175647	48.533	ug/l	90
65) Chlorobenzene	11.667	112	568051	52.480	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	215275	54.669	ug/l	98
67) Ethyl Benzene	11.738	91	1096262	55.041	ug/l	99
68) m/p-Xylenes	11.844	106	836456	110.413	ug/l	97
69) o-Xylene	12.173	106	384246	55.813	ug/l	99
70) Styrene	12.185	104	674908	56.875	ug/l	99
71) Bromoform	12.355	173	104570	49.736	ug/l #	97
73) Isopropylbenzene	12.473	105	1029839	50.838	ug/l	100
74) N-amyl acetate	12.279	43	242935	48.765	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	172913	46.126	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	115583m	41.924	ug/l	
77) Bromobenzene	12.749	156	213982	47.486	ug/l	99
78) n-propylbenzene	12.814	91	1324727	52.153	ug/l	98
79) 2-Chlorotoluene	12.896	91	736759	51.184	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	885792	52.719	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	50216	44.784	ug/l	99
82) 4-Chlorotoluene	12.996	91	760152	50.759	ug/l	98
83) tert-Butylbenzene	13.214	119	737307	52.948	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	868803	52.565	ug/l	99
85) sec-Butylbenzene	13.391	105	1139965	52.319	ug/l	100
86) p-Isopropyltoluene	13.502	119	932861	52.688	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	462086	50.500	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	444940	48.723	ug/l	100
89) n-Butylbenzene	13.832	91	911225	52.456	ug/l	99
90) Hexachloroethane	14.096	117	183775	52.218	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	379650	48.484	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	26112	42.059	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	217971	47.650	ug/l	100
94) Hexachlorobutadiene	15.249	225	122070	48.940	ug/l	99
95) Naphthalene	15.385	128	376893	41.721	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	188778	48.147	ug/l	96

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

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