

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012422\
 Data File : VD071781.D
 Acq On : 24 Jan 2022 17:00
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 3.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 25 04:12:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/25/2022
 Supervised By : Mahesh Dadoda 01/25/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	276173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	482404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	471469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	237660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	198140	55.758	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.520%			
35) Dibromofluoromethane	7.914	113	173512	54.425	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.860%			
50) Toluene-d8	10.338	98	630145	52.802	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.600%			
62) 4-Bromofluorobenzene	12.626	95	231457	55.040	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	81336	38.740	ug/l	98
3) Chloromethane	2.214	50	122204	44.420	ug/l	97
4) Vinyl Chloride	2.350	62	139097	40.508	ug/l	100
5) Bromomethane	2.773	94	97131	42.236	ug/l	99
6) Chloroethane	2.926	64	105382	43.065	ug/l	94
7) Trichlorofluoromethane	3.279	101	208273	42.786	ug/l	99
8) Diethyl Ether	3.708	74	64514	50.391	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	122580	43.084	ug/l	99
10) Methyl Iodide	4.303	142	106406	39.115	ug/l	99
11) Tert butyl alcohol	5.214	59	63289	386.705	ug/l #	88
12) 1,1-Dichloroethene	4.073	96	102443	41.493	ug/l	97
13) Acrolein	3.920	56	98651	284.429	ug/l	98
14) Allyl chloride	4.720	41	223588	45.672	ug/l	99
15) Acrylonitrile	5.426	53	186745	276.010	ug/l	98
16) Acetone	4.161	43	190711	232.453	ug/l	96
17) Carbon Disulfide	4.408	76	234396	37.938	ug/l	100
18) Methyl Acetate	4.714	43	128563	54.608	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	341303	52.370	ug/l	100
20) Methylene Chloride	4.967	84	144528	47.513	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	123159	43.682	ug/l	95
22) Diisopropyl ether	6.361	45	552021	52.367	ug/l	97
23) Vinyl Acetate	6.302	43	1393741	283.317	ug/l	99
24) 1,1-Dichloroethane	6.261	63	287652	47.806	ug/l	98
25) 2-Butanone	7.208	43	267229	275.682	ug/l	95
26) 2,2-Dichloropropane	7.208	77	239096	47.321	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	158798	47.718	ug/l	99
28) Bromochloromethane	7.549	49	160945	54.908	ug/l	97
29) Tetrahydrofuran	7.561	42	159198	285.487	ug/l	99
30) Chloroform	7.708	83	304428	49.477	ug/l	99
31) Cyclohexane	7.979	56	202864	41.297	ug/l	92
32) 1,1,1-Trichloroethane	7.902	97	251939	46.457	ug/l	100
36) 1,1-Dichloropropene	8.108	75	195673	43.027	ug/l	99
37) Ethyl Acetate	7.291	43	112286	53.199	ug/l	96
38) Carbon Tetrachloride	8.097	117	212665	46.177	ug/l	94
39) Methylcyclohexane	9.349	83	196064	39.914	ug/l	96
40) Benzene	8.349	78	573967	45.807	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	57448	44.279	ug/l #	80
42) 1,2-Dichloroethane	8.420	62	204889	48.306	ug/l	98
43) Isopropyl Acetate	8.449	43	218315	54.948	ug/l	99
44) Trichloroethene	9.108	130	137209	42.551	ug/l	96
45) 1,2-Dichloropropane	9.385	63	163472	48.262	ug/l	99
46) Dibromomethane	9.473	93	89568	51.662	ug/l	99
47) Bromodichloromethane	9.655	83	244309	51.326	ug/l	97
48) Methyl methacrylate	9.449	41	109560	54.568	ug/l	94
49) 1,4-Dioxane	9.455	88	19876	1143.507	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	606285	288.892	ug/l	99
52) Toluene	10.396	92	386975	49.064	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	217562	52.105	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	245316	49.828	ug/l	98
55) 1,1,2-Trichloroethane	10.790	97	123195	54.204	ug/l	95
56) Ethyl methacrylate	10.655	69	159548	57.269	ug/l	95
57) 1,3-Dichloropropane	10.938	76	219634	52.293	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	433473	281.852	ug/l	100
59) 2-Hexanone	10.979	43	419310	286.061	ug/l	99
60) Dibromochloromethane	11.132	129	152974	52.877	ug/l	99
61) 1,2-Dibromoethane	11.238	107	112133	51.567	ug/l	99
64) Tetrachloroethene	10.873	164	114997	41.523	ug/l	96
65) Chlorobenzene	11.661	112	404023	44.782	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.737	131	158340	46.286	ug/l	99
67) Ethyl Benzene	11.737	91	750074	45.286	ug/l	100
68) m/p-Xylenes	11.849	106	561702	91.183	ug/l	99
69) o-Xylene	12.173	106	266936	45.782	ug/l	100
70) Styrene	12.190	104	480329	48.062	ug/l	99
71) Bromoform	12.355	173	89924	53.835	ug/l #	97
73) Isopropylbenzene	12.473	105	727494	42.596	ug/l	99
74) N-amyl acetate	12.279	43	207468	49.522	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	145895	48.207	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	103798m	45.199	ug/l	
77) Bromobenzene	12.755	156	161874	43.878	ug/l	96
78) n-propylbenzene	12.814	91	914543	42.577	ug/l	100
79) 2-Chlorotoluene	12.902	91	521075	43.042	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	616457	43.199	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	43035	52.244	ug/l	94
82) 4-Chlorotoluene	12.996	91	542596	43.201	ug/l	99
83) tert-Butylbenzene	13.214	119	521911	42.802	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	623837	44.206	ug/l	99
85) sec-Butylbenzene	13.390	105	798861	42.774	ug/l	100
86) p-Isopropyltoluene	13.508	119	665354	43.391	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	338516	44.463	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	332193	42.769	ug/l	99
89) n-Butylbenzene	13.831	91	652726	42.506	ug/l	99
90) Hexachloroethane	14.102	117	132010	43.514	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	296435	45.431	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	24046	49.434	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	177013	47.073	ug/l	99
94) Hexachlorobutadiene	15.255	225	91944	41.708	ug/l	99
95) Naphthalene	15.384	128	340515	51.145	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	154111	48.096	ug/l	98

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

