

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022822\
 Data File : VD072113.D
 Acq On : 28 Feb 2022 09:57
 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 28 16:26:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 03/01/2022
 Supervised By :Mahesh Dadoda 03/01/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	534947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	849971	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	768125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	370347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	273786	49.340	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.680%		
35) Dibromofluoromethane	7.909	113	275912	53.578	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	107.160%		
50) Toluene-d8	10.338	98	1058280	55.415	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	110.840%		
62) 4-Bromofluorobenzene	12.626	95	374144	53.335	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	106.680%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	231108	45.821	ug/l	100
3) Chloromethane	2.209	50	241556	52.888	ug/l	96
4) Vinyl Chloride	2.350	62	238616	52.405	ug/l	93
5) Bromomethane	2.773	94	149315	52.506	ug/l	94
6) Chloroethane	2.926	64	151471	52.631	ug/l	98
7) Trichlorofluoromethane	3.279	101	446148	50.646	ug/l	96
8) Diethyl Ether	3.715	74	125070	49.804	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	276781	50.289	ug/l	100
10) Methyl Iodide	4.297	142	259328	43.138	ug/l	100
11) Tert butyl alcohol	5.220	59	72256	228.220	ug/l #	90
12) 1,1-Dichloroethene	4.068	96	246278	50.378	ug/l	98
13) Acrolein	3.920	56	103401	165.621	ug/l	98
14) Allyl chloride	4.715	41	432601	50.494	ug/l	98
15) Acrylonitrile	5.420	53	311857	229.769	ug/l	99
16) Acetone	4.156	43	269180	224.460	ug/l	99
17) Carbon Disulfide	4.409	76	652869	48.006	ug/l	99
18) Methyl Acetate	4.715	43	130712	42.727	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	607919	51.118	ug/l	98
20) Methylene Chloride	4.967	84	281263	47.125	ug/l	98
21) trans-1,2-Dichloroethene	5.479	96	279733	50.926	ug/l	97
22) Diisopropyl ether	6.362	45	915398	51.168	ug/l	98
23) Vinyl Acetate	6.303	43	2530166	264.836	ug/l	100
24) 1,1-Dichloroethane	6.262	63	541678	50.895	ug/l	98
25) 2-Butanone	7.209	43	381900	230.409	ug/l	97
26) 2,2-Dichloropropane	7.203	77	460980	54.127	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	327949	52.110	ug/l	98
28) Bromochloromethane	7.550	49	217616	47.963	ug/l	98
29) Tetrahydrofuran	7.556	42	239075	226.009	ug/l	99
30) Chloroform	7.709	83	546406	50.003	ug/l	100
31) Cyclohexane	7.985	56	477554	48.724	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	484459	51.518	ug/l	99
36) 1,1-Dichloropropene	8.108	75	409902	52.547	ug/l	100
37) Ethyl Acetate	7.291	43	172473	47.680	ug/l	97
38) Carbon Tetrachloride	8.097	117	430902	53.894	ug/l	97
39) Methylcyclohexane	9.355	83	496029	54.330	ug/l	97
40) Benzene	8.350	78	1156480	52.539	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	100713	44.898	ug/l	98
42) 1,2-Dichloroethane	8.420	62	334087	50.598	ug/l	99
43) Isopropyl Acetate	8.450	43	325722	48.355	ug/l	98
44) Trichloroethene	9.108	130	312206	52.040	ug/l	98
45) 1,2-Dichloropropane	9.385	63	297779	50.716	ug/l	99
46) Dibromomethane	9.473	93	150895	48.698	ug/l	99
47) Bromodichloromethane	9.655	83	411158	51.439	ug/l	96
48) Methyl methacrylate	9.450	41	168534	49.529	ug/l	92
49) 1,4-Dioxane	9.455	88	36728	999.183	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	862463	241.592	ug/l	100
52) Toluene	10.397	92	752352	53.410	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	394063	53.907	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	469023	54.210	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	215340	49.384	ug/l	98
56) Ethyl methacrylate	10.655	69	274014	52.622	ug/l	96
57) 1,3-Dichloropropane	10.938	76	374102	49.638	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	592157	254.190	ug/l	100
59) 2-Hexanone	10.979	43	592778	243.441	ug/l	98
60) Dibromochloromethane	11.132	129	275724	50.635	ug/l	97
61) 1,2-Dibromoethane	11.238	107	201276	48.303	ug/l	99
64) Tetrachloroethene	10.873	164	265920	54.835	ug/l	99
65) Chlorobenzene	11.667	112	796237	53.485	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	291982	52.845	ug/l	99
67) Ethyl Benzene	11.738	91	1461368	55.826	ug/l	100
68) m/p-Xylenes	11.844	106	1122618	112.028	ug/l	99
69) o-Xylene	12.173	106	524496	55.640	ug/l	99
70) Styrene	12.185	104	903631	55.859	ug/l	100
71) Bromoform	12.349	173	157403	49.672	ug/l	98
73) Isopropylbenzene	12.473	105	1431427	56.293	ug/l	100
74) N-amyl acetate	12.279	43	312134	50.835	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.720	83	237345	47.210	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	163819m	46.698	ug/l	
77) Bromobenzene	12.755	156	316604	53.169	ug/l	98
78) n-propylbenzene	12.814	91	1759082	56.282	ug/l	100
79) 2-Chlorotoluene	12.902	91	994313	54.966	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1196986	56.374	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	75960	54.224	ug/l	99
82) 4-Chlorotoluene	12.996	91	1017866	54.063	ug/l	99
83) tert-Butylbenzene	13.214	119	1043322	57.190	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	1184259	56.737	ug/l	100
85) sec-Butylbenzene	13.391	105	1576027	56.712	ug/l	99
86) p-Isopropyltoluene	13.508	119	1307399	57.198	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	634817	52.738	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	627404	51.873	ug/l	99
89) n-Butylbenzene	13.832	91	1260578	57.998	ug/l	100
90) Hexachloroethane	14.096	117	244982	53.396	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	552778	52.367	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	39675	50.658	ug/l	99
93) 1,2,4-Trichlorobenzene	15.149	180	364069	56.149	ug/l	99
94) Hexachlorobutadiene	15.255	225	202858	56.896	ug/l	99
95) Naphthalene	15.385	128	645558	54.845	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	308885	55.230	ug/l	99

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

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