

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020322\
 Data File : VD071885.D
 Acq On : 03 Feb 2022 10:28
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

Quant Time: Feb 04 00:49:04 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 :Mahesh Dadoda 02/07/2022
 Supervised By :Semsettin Yesilyurt 02/07/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	415566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	705534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	661562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	324232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	266152	50.671	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.340%			
35) Dibromofluoromethane	7.909	113	236365	50.966	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.940%			
50) Toluene-d8	10.332	98	868039	50.117	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.240%			
62) 4-Bromofluorobenzene	12.626	95	305864	50.569	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	229664	46.604	ug/l	97
3) Chloromethane	2.209	50	283759	48.095	ug/l	96
4) Vinyl Chloride	2.350	62	308160	49.889	ug/l	100
5) Bromomethane	2.768	94	187116	45.912	ug/l	98
6) Chloroethane	2.921	64	198588	50.732	ug/l	100
7) Trichlorofluoromethane	3.268	101	428822	48.442	ug/l	99
8) Diethyl Ether	3.709	74	117226	50.188	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.091	101	242901	48.637	ug/l	99
10) Methyl Iodide	4.297	142	243085	47.479	ug/l	98
11) Tert butyl alcohol	5.220	59	71448	224.016	ug/l	95
12) 1,1-Dichloroethene	4.068	96	228337	50.013	ug/l	95
13) Acrolein	3.921	56	116004	248.653	ug/l	99
14) Allyl chloride	4.715	41	450063	51.716	ug/l	99
15) Acrylonitrile	5.415	53	311323	262.251	ug/l	98
16) Acetone	4.150	43	427145m	297.075	ug/l	
17) Carbon Disulfide	4.409	76	752960	47.298	ug/l	99
18) Methyl Acetate	4.715	43	145377	46.764	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	594385	54.420	ug/l	99
20) Methylene Chloride	4.956	84	262398	49.998	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	269327	50.673	ug/l	93
22) Diisopropyl ether	6.356	45	933520	54.730	ug/l	98
23) Vinyl Acetate	6.297	43	2663591	283.075	ug/l	99
24) 1,1-Dichloroethane	6.262	63	515605	51.863	ug/l	98
25) 2-Butanone	7.209	43	475189	283.493	ug/l	99
26) 2,2-Dichloropropane	7.203	77	428384	52.070	ug/l	100
27) cis-1,2-Dichloroethene	7.203	96	296652	51.966	ug/l	99
28) Bromochloromethane	7.544	49	175580	46.824	ug/l	99
29) Tetrahydrofuran	7.556	42	268162	270.384	ug/l	99
30) Chloroform	7.703	83	522477	51.441	ug/l	96
31) Cyclohexane	7.979	56	476144	47.483	ug/l	100
32) 1,1,1-Trichloroethane	7.897	97	457625	51.082	ug/l	98
36) 1,1-Dichloropropene	8.109	75	395509	49.688	ug/l	99
37) Ethyl Acetate	7.285	43	196031	52.970	ug/l	98
38) Carbon Tetrachloride	8.097	117	396746	50.401	ug/l	99
39) Methylcyclohexane	9.350	83	453055	49.122	ug/l	98
40) Benzene	8.344	78	1094433	50.936	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	100328	47.920	ug/l #	88
42) 1,2-Dichloroethane	8.420	62	349632	51.531	ug/l	99
43) Isopropyl Acetate	8.444	43	357456	53.741	ug/l	100
44) Trichloroethene	9.108	130	272704	49.155	ug/l	97
45) 1,2-Dichloropropane	9.379	63	286262	51.669	ug/l	98
46) Dibromomethane	9.467	93	151238	52.135	ug/l	98
47) Bromodichloromethane	9.656	83	400746	52.235	ug/l	96
48) Methyl methacrylate	9.450	41	185275	52.633	ug/l	99
49) 1,4-Dioxane	9.456	88	34451	1040.470	ug/l	89
51) 4-Methyl-2-Pentanone	10.220	43	949633	272.825	ug/l	100
52) Toluene	10.397	92	711515	53.253	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	373267	52.973	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	429146	51.957	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	197918	51.407	ug/l	98
56) Ethyl methacrylate	10.655	69	259223	54.381	ug/l	98
57) 1,3-Dichloropropane	10.938	76	360442	52.441	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	583743	260.138	ug/l	99
59) 2-Hexanone	10.979	43	718866	284.548	ug/l	98
60) Dibromochloromethane	11.132	129	250446	52.678	ug/l	100
61) 1,2-Dibromoethane	11.238	107	191763	51.696	ug/l	99
64) Tetrachloroethene	10.867	164	235068	50.233	ug/l	98
65) Chlorobenzene	11.661	112	715905	51.151	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	260967	51.254	ug/l	99
67) Ethyl Benzene	11.738	91	1324818	51.443	ug/l	99
68) m/p-Xylenes	11.844	106	1023855	104.523	ug/l	99
69) o-Xylene	12.173	106	479643	53.882	ug/l	97
70) Styrene	12.185	104	826439	53.862	ug/l	100
71) Bromoform	12.349	173	140822	51.800	ug/l #	99
73) Isopropylbenzene	12.467	105	1264047	50.347	ug/l	100
74) N-amyl acetate	12.279	43	337831	54.715	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	226275	48.702	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	179197m	52.443	ug/l	
77) Bromobenzene	12.749	156	277712	49.725	ug/l	97
78) n-propylbenzene	12.814	91	1572179	49.940	ug/l	100
79) 2-Chlorotoluene	12.897	91	889626	49.866	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	1072678	51.510	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	66767	48.043	ug/l	95
82) 4-Chlorotoluene	12.996	91	925969	49.888	ug/l	99
83) tert-Butylbenzene	13.214	119	889831	51.559	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	1059662	51.729	ug/l	100
85) sec-Butylbenzene	13.391	105	1353512	50.121	ug/l	100
86) p-Isopropyltoluene	13.502	119	1136861	51.807	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	562928	49.637	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	553604	48.913	ug/l	99
89) n-Butylbenzene	13.832	91	1095917	50.903	ug/l	100
90) Hexachloroethane	14.096	117	215422	49.387	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	483167	49.785	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	38539	50.085	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	293635	51.792	ug/l	99
94) Hexachlorobutadiene	15.249	225	155307	50.239	ug/l	98
95) Naphthalene	15.385	128	546943	48.602	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	250526	51.554	ug/l	99

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

