

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072823.D
 Acq On : 05 May 2022 22:26
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 06 06:08:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/06/2022
 Supervised By :Semsettin Yesilyurt 05/06/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	320664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	558781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	533162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	247556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	246046	59.111	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.220%			
35) Dibromofluoromethane	7.909	113	216776	55.238	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.480%			
50) Toluene-d8	10.332	98	769000	54.628	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.260%			
62) 4-Bromofluorobenzene	12.620	95	293084	55.836	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.680%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	207359	46.796	ug/l	97
3) Chloromethane	2.209	50	247831	53.780	ug/l	95
4) Vinyl Chloride	2.344	62	229325	55.459	ug/l	100
5) Bromomethane	2.756	94	152217	60.159	ug/l	93
6) Chloroethane	2.915	64	145369	56.407	ug/l	95
7) Trichlorofluoromethane	3.262	101	379894	52.466	ug/l	97
8) Diethyl Ether	3.703	74	112974	54.422	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.085	101	221563	51.540	ug/l	96
10) Methyl Iodide	4.291	142	210143	48.710	ug/l	99
11) Tert butyl alcohol	5.220	59	107454	298.367	ug/l #	86
12) 1,1-Dichloroethene	4.062	96	202654	52.411	ug/l	95
13) Acrolein	3.921	56	53958	213.400	ug/l	96
14) Allyl chloride	4.715	41	375934	60.221	ug/l	98
15) Acrylonitrile	5.415	53	275409	279.163	ug/l	99
16) Acetone	4.150	43	217251	280.555	ug/l	100
17) Carbon Disulfide	4.403	76	598341	49.214	ug/l	100
18) Methyl Acetate	4.715	43	131119	57.928	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	566543	61.120	ug/l	95
20) Methylene Chloride	4.956	84	276178	56.258	ug/l	92
21) trans-1,2-Dichloroethene	5.468	96	236619	53.359	ug/l	98
22) Diisopropyl ether	6.356	45	821927	59.853	ug/l	98
23) Vinyl Acetate	6.297	43	2368973	312.284	ug/l	97
24) 1,1-Dichloroethane	6.256	63	460347	55.796	ug/l	99
25) 2-Butanone	7.209	43	342437	282.350	ug/l	95
26) 2,2-Dichloropropane	7.203	77	368160	52.784	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	277716	54.679	ug/l	98
28) Bromochloromethane	7.538	49	186023	60.462	ug/l	92
29) Tetrahydrofuran	7.556	42	231164	299.028	ug/l	96
30) Chloroform	7.703	83	483616	55.398	ug/l	96
31) Cyclohexane	7.979	56	370777	50.956	ug/l	98
32) 1,1,1-Trichloroethane	7.897	97	415132	55.796	ug/l	97
36) 1,1-Dichloropropene	8.109	75	340042	53.288	ug/l	99
37) Ethyl Acetate	7.285	43	166240	56.671	ug/l	97
38) Carbon Tetrachloride	8.091	117	347301	52.431	ug/l	98
39) Methylcyclohexane	9.350	83	376594	50.880	ug/l	96
40) Benzene	8.344	78	980488	53.207	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	101869	58.322	ug/l	95
42) 1,2-Dichloroethane	8.420	62	321154	57.833	ug/l	100
43) Isopropyl Acetate	8.444	43	321518	59.383	ug/l	97
44) Trichloroethene	9.108	130	246189	49.937	ug/l	98
45) 1,2-Dichloropropane	9.379	63	260557	53.840	ug/l	100
46) Dibromomethane	9.467	93	143883	53.898	ug/l	96
47) Bromodichloromethane	9.656	83	382019	55.627	ug/l	96
48) Methyl methacrylate	9.450	41	151455	57.180	ug/l #	82
49) 1,4-Dioxane	9.456	88	31821	1058.533	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	827214	294.021	ug/l	98
52) Toluene	10.391	92	613475	53.368	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	350068	55.496	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	400399	54.635	ug/l	96
55) 1,1,2-Trichloroethane	10.791	97	189926	52.628	ug/l	96
56) Ethyl methacrylate	10.655	69	247833	58.326	ug/l	96
57) 1,3-Dichloropropane	10.938	76	333218	53.806	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	591822	287.275	ug/l	98
59) 2-Hexanone	10.973	43	560902	296.283	ug/l	97
60) Dibromochloromethane	11.132	129	239682	52.758	ug/l	98
61) 1,2-Dibromoethane	11.238	107	183130	52.135	ug/l	99
64) Tetrachloroethene	10.867	164	186969	47.965	ug/l	93
65) Chlorobenzene	11.661	112	645703	52.361	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	250132	53.972	ug/l	99
67) Ethyl Benzene	11.732	91	1192680	55.885	ug/l	100
68) m/p-Xylenes	11.838	106	900278	109.512	ug/l	98
69) o-Xylene	12.167	106	424880	55.340	ug/l	99
70) Styrene	12.185	104	739155	55.566	ug/l	98
71) Bromoform	12.349	173	131111	52.200	ug/l #	99
73) Isopropylbenzene	12.467	105	1126411	58.483	ug/l	99
74) N-amyl acetate	12.279	43	307138	64.034	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	214269	55.111	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	153048m	55.444	ug/l	
77) Bromobenzene	12.749	156	248972	54.436	ug/l	99
78) n-propylbenzene	12.808	91	1388832	57.213	ug/l	99
79) 2-Chlorotoluene	12.897	91	814196	57.418	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	951461	58.259	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	66157	55.113	ug/l	96
82) 4-Chlorotoluene	12.991	91	856963	57.840	ug/l	97
83) tert-Butylbenzene	13.208	119	815006	58.698	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	945492	57.919	ug/l	98
85) sec-Butylbenzene	13.385	105	1189130	56.783	ug/l	100
86) p-Isopropyltoluene	13.502	119	981755	57.179	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	495026	53.728	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	486949	53.072	ug/l	99
89) n-Butylbenzene	13.826	91	956919	57.533	ug/l	99
90) Hexachloroethane	14.096	117	194026	55.162	ug/l	94
91) 1,2-Dichlorobenzene	13.873	146	438919	54.661	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	35208	57.126	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	258077	54.269	ug/l	99
94) Hexachlorobutadiene	15.249	225	125644	48.378	ug/l	96
95) Naphthalene	15.379	128	521616	59.658	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	224129	53.167	ug/l	98

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

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