

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050422\
 Data File : VD072799.D
 Acq On : 04 May 2022 20:13
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: May 05 01:39:32 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

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	300614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	508142	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	504557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	248932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	196864	50.449	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.900%			
35) Dibromofluoromethane	7.908	113	186990	52.397	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.800%			
50) Toluene-d8	10.332	98	656432	51.278	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.560%			
62) 4-Bromofluorobenzene	12.620	95	246499	51.641	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	177736	42.786	ug/l	99
3) Chloromethane	2.209	50	186110	43.080	ug/l	98
4) Vinyl Chloride	2.344	62	173041	44.639	ug/l	99
5) Bromomethane	2.762	94	105754	44.171	ug/l	94
6) Chloroethane	2.915	64	110137	45.586	ug/l	97
7) Trichlorofluoromethane	3.268	101	309610	45.611	ug/l	100
8) Diethyl Ether	3.709	74	98907	50.824	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.091	101	185588	46.051	ug/l	98
10) Methyl Iodide	4.297	142	175821	43.473	ug/l	100
11) Tert butyl alcohol	5.220	59	79891	236.629	ug/l	96
12) 1,1-Dichloroethene	4.062	96	166775	46.009	ug/l	92
13) Acrolein	3.920	56	59070	252.242	ug/l	97
14) Allyl chloride	4.709	41	291224	49.763	ug/l	94
15) Acrylonitrile	5.420	53	242722	262.440	ug/l	98
16) Acetone	4.150	43	173677	237.069	ug/l	97
17) Carbon Disulfide	4.403	76	520030	45.626	ug/l	100
18) Methyl Acetate	4.715	43	109074	51.375	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	464882	53.497	ug/l	98
20) Methylene Chloride	4.956	84	257486	55.909	ug/l	89
21) trans-1,2-Dichloroethene	5.467	96	206297	49.624	ug/l	92
22) Diisopropyl ether	6.356	45	664017	51.579	ug/l	95
23) Vinyl Acetate	6.303	43	1933703	271.907	ug/l	95
24) 1,1-Dichloroethane	6.256	63	380179	49.153	ug/l	100
25) 2-Butanone	7.208	43	290257	255.288	ug/l	94
26) 2,2-Dichloropropane	7.197	77	304830	46.619	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	237467	49.873	ug/l	93
28) Bromochloromethane	7.544	49	165415	57.350	ug/l	86
29) Tetrahydrofuran	7.561	42	199149	274.796	ug/l	95
30) Chloroform	7.703	83	405888	49.595	ug/l	96
31) Cyclohexane	7.979	56	296744	43.502	ug/l	88
32) 1,1,1-Trichloroethane	7.897	97	338021	48.462	ug/l	97
36) 1,1-Dichloropropene	8.103	75	282563	48.694	ug/l	97
37) Ethyl Acetate	7.285	43	144446	54.148	ug/l #	96
38) Carbon Tetrachloride	8.097	117	293295	48.690	ug/l	98
39) Methylcyclohexane	9.350	83	308625	45.852	ug/l	98
40) Benzene	8.344	78	844844	50.415	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	81991	51.619	ug/l	90
42) 1,2-Dichloroethane	8.414	62	262569	51.995	ug/l	97
43) Isopropyl Acetate	8.444	43	264809	53.783	ug/l	94
44) Trichloroethene	9.103	130	218859	48.817	ug/l	99
45) 1,2-Dichloropropane	9.379	63	222464	50.550	ug/l	99
46) Dibromomethane	9.467	93	130009	53.554	ug/l	98
47) Bromodichloromethane	9.655	83	319460	51.153	ug/l	98
48) Methyl methacrylate	9.450	41	122793	50.979	ug/l #	82
49) 1,4-Dioxane	9.455	88	29909	1094.080	ug/l	91
51) 4-Methyl-2-Pentanone	10.220	43	718373	280.781	ug/l	95
52) Toluene	10.397	92	547926	52.416	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	298379	52.016	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	346988	52.066	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	173118	52.751	ug/l	93
56) Ethyl methacrylate	10.655	69	218899	56.651	ug/l	89
57) 1,3-Dichloropropane	10.938	76	298563	53.014	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	549299	293.206	ug/l	96
59) 2-Hexanone	10.973	43	487399	283.114	ug/l	96
60) Dibromochloromethane	11.132	129	218509	52.891	ug/l	100
61) 1,2-Dibromoethane	11.238	107	170177	53.275	ug/l	100
64) Tetrachloroethene	10.867	164	170326	46.172	ug/l	96
65) Chlorobenzene	11.661	112	582254	49.893	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	224226	51.125	ug/l	98
67) Ethyl Benzene	11.738	91	1034545	51.224	ug/l	97
68) m/p-Xylenes	11.844	106	801116	102.975	ug/l	99
69) o-Xylene	12.173	106	380502	52.369	ug/l	95
70) Styrene	12.185	104	667249	53.004	ug/l	98
71) Bromoform	12.349	173	122740	51.638	ug/l #	97
73) Isopropylbenzene	12.467	105	970944	50.132	ug/l	99
74) N-amyl acetate	12.279	43	261933	54.308	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	204399	52.281	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	149008m	53.682	ug/l	
77) Bromobenzene	12.749	156	237233	51.583	ug/l	94
78) n-propylbenzene	12.808	91	1225245	50.195	ug/l	99
79) 2-Chlorotoluene	12.896	91	713399	50.031	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	835500	50.876	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	61376	50.847	ug/l	93
82) 4-Chlorotoluene	12.991	91	750542	50.377	ug/l	99
83) tert-Butylbenzene	13.208	119	705898	50.559	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	845116	51.484	ug/l	100
85) sec-Butylbenzene	13.391	105	1056147	50.154	ug/l	99
86) p-Isopropyltoluene	13.502	119	870407	50.414	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	463096	49.984	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	456470	49.475	ug/l	100
89) n-Butylbenzene	13.826	91	830762	49.672	ug/l	99
90) Hexachloroethane	14.096	117	174309	49.282	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	404715	50.123	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	32023	51.671	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	237432	49.652	ug/l	99
94) Hexachlorobutadiene	15.249	225	115985	44.412	ug/l	98
95) Naphthalene	15.385	128	473298	53.833	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	214861	50.687	ug/l	99

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

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