

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022522\
 Data File : VD072091.D
 Acq On : 25 Feb 2022 10:06
 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 26 05:39:54 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 02/28/2022
 Supervised By : Mahesh Dadoda 02/28/2022

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 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	484302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	782428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	716585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	357626	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	250848	49.934	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.860%
35) Dibromofluoromethane	7.908	113	240636	50.762	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.520%
50) Toluene-d8	10.338	98	931575	52.991	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.980%
62) 4-Bromofluorobenzene	12.626	95	327521	50.719	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	193285	42.329	ug/l	96
3) Chloromethane	2.209	50	200766	48.576	ug/l	95
4) Vinyl Chloride	2.350	62	191204	46.383	ug/l	99
5) Bromomethane	2.768	94	125695	48.664	ug/l	94
6) Chloroethane	2.920	64	123207	47.287	ug/l	99
7) Trichlorofluoromethane	3.273	101	368773	46.240	ug/l	93
8) Diethyl Ether	3.709	74	103725	45.623	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	222476	44.649	ug/l	97
10) Methyl Iodide	4.303	142	214276	39.626	ug/l	98
11) Tert butyl alcohol	5.220	59	64836	226.199	ug/l	97
12) 1,1-Dichloroethene	4.067	96	205844	46.511	ug/l	97
13) Acrolein	3.920	56	104141	184.250	ug/l	97
14) Allyl chloride	4.715	41	352384	45.432	ug/l	97
15) Acrylonitrile	5.414	53	272893	222.087	ug/l	99
16) Acetone	4.156	43	253897	233.856	ug/l	96
17) Carbon Disulfide	4.409	76	553105	44.965	ug/l	100
18) Methyl Acetate	4.715	43	117024	42.239	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	520120	48.309	ug/l	99
20) Methylene Chloride	4.967	84	244097	45.174	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	238435	47.947	ug/l	97
22) Diisopropyl ether	6.361	45	775011	47.851	ug/l	98
23) Vinyl Acetate	6.303	43	2168632	250.732	ug/l	99
24) 1,1-Dichloroethane	6.261	63	456328	47.359	ug/l	98
25) 2-Butanone	7.208	43	343488	228.906	ug/l	99
26) 2,2-Dichloropropane	7.208	77	384799	49.907	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	275616	48.374	ug/l	100
28) Bromochloromethane	7.544	49	192563	46.880	ug/l	97
29) Tetrahydrofuran	7.556	42	214425	223.903	ug/l	99
30) Chloroform	7.708	83	478657	48.384	ug/l	100
31) Cyclohexane	7.985	56	384502	43.332	ug/l	98
32) 1,1,1-Trichloroethane	7.897	97	416260	48.894	ug/l	98
36) 1,1-Dichloropropene	8.108	75	349429	48.662	ug/l	99
37) Ethyl Acetate	7.285	43	146461	43.984	ug/l	95
38) Carbon Tetrachloride	8.091	117	372020	50.547	ug/l	99
39) Methylcyclohexane	9.350	83	394378	46.925	ug/l	99
40) Benzene	8.350	78	989201	48.819	ug/l	98

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41) Methacrylonitrile	7.514	41	91230m	44.181	ug/l	
42) 1,2-Dichloroethane	8.420	62	292904	48.190	ug/l	100
43) Isopropyl Acetate	8.450	43	284709	45.915	ug/l	100
44) Trichloroethene	9.108	130	268621	48.640	ug/l	97
45) 1,2-Dichloropropane	9.385	63	255110	47.199	ug/l	95
46) Dibromomethane	9.467	93	133182	46.692	ug/l	99
47) Bromodichloromethane	9.655	83	354588	48.192	ug/l	100
48) Methyl methacrylate	9.450	41	142909	45.624	ug/l #	91
49) 1,4-Dioxane	9.455	88	31422	928.627	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	764294	232.574	ug/l	99
52) Toluene	10.397	92	645916	49.812	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	341577	50.760	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	389917	48.957	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	196858	49.043	ug/l	98
56) Ethyl methacrylate	10.655	69	236853	49.412	ug/l	97
57) 1,3-Dichloropropane	10.938	76	331512	47.784	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	514953	240.131	ug/l	99
59) 2-Hexanone	10.979	43	540931	241.325	ug/l	98
60) Dibromochloromethane	11.132	129	243560	48.589	ug/l	98
61) 1,2-Dibromoethane	11.238	107	180904	47.162	ug/l	99
64) Tetrachloroethene	10.873	164	230973	51.054	ug/l	98
65) Chlorobenzene	11.667	112	690685	49.732	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	256861	49.832	ug/l	99
67) Ethyl Benzene	11.738	91	1251014	51.228	ug/l	100
68) m/p-Xylenes	11.844	106	978123	104.629	ug/l	98
69) o-Xylene	12.173	106	454805	51.717	ug/l	97
70) Styrene	12.191	104	787133	52.157	ug/l	100
71) Bromoform	12.349	173	143361	48.494	ug/l	98
73) Isopropylbenzene	12.473	105	1239080	50.462	ug/l	100
74) N-amyl acetate	12.279	43	270412	45.606	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	216704	44.637	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	148711m	43.900	ug/l	
77) Bromobenzene	12.749	156	279794	48.658	ug/l	99
78) n-propylbenzene	12.814	91	1511480	50.080	ug/l	99
79) 2-Chlorotoluene	12.902	91	865081	49.523	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	1052873	51.351	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	70721	52.280	ug/l	98
82) 4-Chlorotoluene	12.996	91	893193	49.129	ug/l	100
83) tert-Butylbenzene	13.214	119	903410	51.282	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	1047860	51.988	ug/l	99
85) sec-Butylbenzene	13.390	105	1351959	50.380	ug/l	100
86) p-Isopropyltoluene	13.508	119	1135131	51.428	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	563765	48.501	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	554870	47.508	ug/l	99
89) n-Butylbenzene	13.832	91	1071560	51.055	ug/l	99
90) Hexachloroethane	14.096	117	210760	47.571	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	495546	48.615	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	34243	45.277	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	312564	49.921	ug/l	98
94) Hexachlorobutadiene	15.255	225	173940	50.521	ug/l	100
95) Naphthalene	15.385	128	563174	49.548	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	276559	51.209	ug/l	98

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

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