

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020422\
 Data File : VD071895.D
 Acq On : 04 Feb 2022 12:20
 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 07 04:17:21 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 : Semsettin Yesilyurt 02/07/2022
 Supervised By : Mahesh Dadoda 02/08/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	405449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	676029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	646952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	327271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	268729	52.438	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.880%			
35) Dibromofluoromethane	7.908	113	240207	54.055	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.120%			
50) Toluene-d8	10.332	98	862608	51.977	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.960%			
62) 4-Bromofluorobenzene	12.620	95	310789	53.626	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	215753	44.874	ug/l	99
3) Chloromethane	2.209	50	262417	45.587	ug/l	97
4) Vinyl Chloride	2.344	62	275099	45.648	ug/l	99
5) Bromomethane	2.762	94	166980	41.993	ug/l	96
6) Chloroethane	2.915	64	180793	47.338	ug/l	100
7) Trichlorofluoromethane	3.268	101	383349	44.386	ug/l	100
8) Diethyl Ether	3.709	74	117213	51.435	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.085	101	225877	46.357	ug/l	99
10) Methyl Iodide	4.297	142	213747	42.791	ug/l	98
11) Tert butyl alcohol	5.220	59	72909	236.589	ug/l	97
12) 1,1-Dichloroethene	4.067	96	207662	46.620	ug/l	98
13) Acrolein	3.920	56	100793	221.439	ug/l	99
14) Allyl chloride	4.709	41	413327	48.680	ug/l	98
15) Acrylonitrile	5.414	53	308275	266.163	ug/l	99
16) Acetone	4.156	43	415416	296.127	ug/l	99
17) Carbon Disulfide	4.409	76	683628	44.014	ug/l	99
18) Methyl Acetate	4.714	43	147984	48.791	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	567844	53.288	ug/l	99
20) Methylene Chloride	4.956	84	252355	49.226	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	248305	47.884	ug/l	95
22) Diisopropyl ether	6.361	45	877057	52.703	ug/l	97
23) Vinyl Acetate	6.303	43	2593698	282.525	ug/l	99
24) 1,1-Dichloroethane	6.256	63	483451	49.842	ug/l	98
25) 2-Butanone	7.208	43	462572	282.852	ug/l	99
26) 2,2-Dichloropropane	7.203	77	391770	48.808	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	281764	50.590	ug/l	99
28) Bromochloromethane	7.538	49	163512	44.693	ug/l	99
29) Tetrahydrofuran	7.561	42	267028	275.959	ug/l	99
30) Chloroform	7.708	83	487821	49.227	ug/l	100
31) Cyclohexane	7.985	56	431985	44.154	ug/l	99
32) 1,1,1-Trichloroethane	7.897	97	417629	47.780	ug/l	99
36) 1,1-Dichloropropene	8.108	75	366451	48.047	ug/l	99
37) Ethyl Acetate	7.291	43	187401	52.848	ug/l	98
38) Carbon Tetrachloride	8.091	117	362367	48.043	ug/l	100
39) Methylcyclohexane	9.350	83	415685	47.037	ug/l	97
40) Benzene	8.344	78	1014180	49.261	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	108820m	54.245	ug/l	
42) 1,2-Dichloroethane	8.420	62	335362	51.586	ug/l	99
43) Isopropyl Acetate	8.444	43	350627	55.015	ug/l	99
44) Trichloroethene	9.108	130	256561	48.264	ug/l	98
45) 1,2-Dichloropropane	9.379	63	272409	51.315	ug/l	93
46) Dibromomethane	9.467	93	145938	52.503	ug/l	99
47) Bromodichloromethane	9.655	83	375076	51.023	ug/l	98
48) Methyl methacrylate	9.450	41	180971	53.654	ug/l	99
49) 1,4-Dioxane	9.455	88	36684	1156.265	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	951635	285.333	ug/l	100
52) Toluene	10.397	92	646315	50.484	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	349864	51.819	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	406151	51.319	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	193514	52.457	ug/l	96
56) Ethyl methacrylate	10.655	69	258798	56.661	ug/l	96
57) 1,3-Dichloropropane	10.938	76	346515	52.615	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	562449	261.588	ug/l	98
59) 2-Hexanone	10.979	43	723979	299.079	ug/l	98
60) Dibromochloromethane	11.132	129	242780	53.294	ug/l	99
61) 1,2-Dibromoethane	11.238	107	184299	51.853	ug/l	95
64) Tetrachloroethene	10.873	164	210774	46.058	ug/l	98
65) Chlorobenzene	11.661	112	671928	49.093	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.732	131	248661	49.940	ug/l	99
67) Ethyl Benzene	11.738	91	1248360	49.569	ug/l	98
68) m/p-Xylenes	11.844	106	960229	100.242	ug/l	100
69) o-Xylene	12.173	106	441814	50.753	ug/l	100
70) Styrene	12.185	104	792583	52.822	ug/l	99
71) Bromoform	12.349	173	134025	50.414	ug/l #	96
73) Isopropylbenzene	12.473	105	1172890	46.282	ug/l	99
74) N-amyl acetate	12.279	43	335597	53.849	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	229845	49.011	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	176876m	51.283	ug/l	
77) Bromobenzene	12.749	156	262732	46.606	ug/l	99
78) n-propylbenzene	12.808	91	1468727	46.220	ug/l	100
79) 2-Chlorotoluene	12.896	91	839624	46.627	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	994141	47.295	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	65602	46.767	ug/l	97
82) 4-Chlorotoluene	12.996	91	872882	46.592	ug/l	99
83) tert-Butylbenzene	13.214	119	827863	47.523	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	998125	48.272	ug/l	99
85) sec-Butylbenzene	13.390	105	1262696	46.324	ug/l	99
86) p-Isopropyltoluene	13.502	119	1063981	48.036	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	541362	47.293	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	530678	46.452	ug/l	99
89) n-Butylbenzene	13.832	91	1028842	47.343	ug/l	99
90) Hexachloroethane	14.096	117	204684	46.490	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	468086	47.783	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	38591	49.687	ug/l	99
93) 1,2,4-Trichlorobenzene	15.143	180	280203	48.964	ug/l	98
94) Hexachlorobutadiene	15.249	225	139757	44.789	ug/l	98
95) Naphthalene	15.385	128	540020	47.573	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	246090	50.171	ug/l	99

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

