

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062022\
 Data File : VD073634.D
 Acq On : 20 Jun 2022 15:35
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/21/2022
 Supervised By :Mahesh Dadoda 06/21/2022

Quant Time: Jun 21 05:05:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 05:00:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	254873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	410325	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	401269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	207719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	283108	96.539	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 193.080%#			
35) Dibromofluoromethane	7.908	113	277089	93.087	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 186.180%#			
50) Toluene-d8	10.332	98	1054142	98.942	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 197.880%#			
62) 4-Bromofluorobenzene	12.620	95	396571	101.499	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 203.000%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	207595	84.563	ug/l	93
3) Chloromethane	2.209	50	193943	87.078	ug/l	94
4) Vinyl Chloride	2.344	62	185334	88.258	ug/l	95
5) Bromomethane	2.750	94	140585	85.769	ug/l	100
6) Chloroethane	2.909	64	118883	87.482	ug/l	95
7) Trichlorofluoromethane	3.267	101	429493	88.289	ug/l	100
8) Diethyl Ether	3.709	74	122649	96.645	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.085	101	243658	86.707	ug/l	98
10) Methyl Iodide	4.297	142	285143	104.750	ug/l	99
11) Tert butyl alcohol	5.214	59	93223	287.832	ug/l	98
12) 1,1-Dichloroethene	4.062	96	224173	91.263	ug/l	95
13) Acrolein	3.920	56	57222	665.166	ug/l	99
14) Allyl chloride	4.709	41	345686	97.804	ug/l	100
15) Acrylonitrile	5.409	53	288477	501.058	ug/l	100
16) Acetone	4.150	43	213039	456.952	ug/l	100
17) Carbon Disulfide	4.403	76	636388	89.871	ug/l	99
18) Methyl Acetate	4.714	43	121899	81.703	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	611238	105.171	ug/l	96
20) Methylene Chloride	4.956	84	277204	74.263	ug/l	97
21) trans-1,2-Dichloroethene	5.467	96	274582	94.018	ug/l	98
22) Diisopropyl ether	6.361	45	784309	98.902	ug/l	99
23) Vinyl Acetate	6.297	43	2223187	548.677	ug/l	98
24) 1,1-Dichloroethane	6.256	63	489963	92.271	ug/l	97
25) 2-Butanone	7.203	43	337035	496.605	ug/l	95
26) 2,2-Dichloropropane	7.203	77	452967	92.849	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	327108	97.091	ug/l	100
28) Bromochloromethane	7.538	49	194187	97.636	ug/l	100
29) Tetrahydrofuran	7.561	42	228474	542.813	ug/l	98
30) Chloroform	7.702	83	564822	93.958	ug/l	100
31) Cyclohexane	7.979	56	420970	94.349	ug/l	100
32) 1,1,1-Trichloroethane	7.897	97	510469	95.429	ug/l	99
36) 1,1-Dichloropropene	8.108	75	411230	98.630	ug/l	99
37) Ethyl Acetate	7.285	43	162483	101.284	ug/l	98
38) Carbon Tetrachloride	8.091	117	451573	95.360	ug/l	99
39) Methylcyclohexane	9.349	83	484285	104.825	ug/l	95
40) Benzene	8.344	78	1209584	100.292	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	85027	95.750	ug/l #	84
42) 1,2-Dichloroethane	8.414	62	353041	97.993	ug/l	100
43) Isopropyl Acetate	8.444	43	330835	109.546	ug/l	99
44) Trichloroethene	9.102	130	338396	98.510	ug/l	100
45) 1,2-Dichloropropane	9.379	63	301650	99.526	ug/l	98
46) Dibromomethane	9.467	93	176482	102.539	ug/l	98
47) Bromodichloromethane	9.655	83	446956	99.791	ug/l	99
48) Methyl methacrylate	9.449	41	171216	112.001	ug/l	99
49) 1,4-Dioxane	9.455	88	41551	2178.605	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	860423	554.925	ug/l	98
52) Toluene	10.396	92	817802	103.742	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	434319	105.890	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	496718	103.579	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	248521	102.256	ug/l	95
56) Ethyl methacrylate	10.655	69	312394	116.478	ug/l	98
57) 1,3-Dichloropropane	10.938	76	414391	103.526	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	608328	564.007	ug/l	98
59) 2-Hexanone	10.973	43	608184	568.793	ug/l	98
60) Dibromochloromethane	11.132	129	318232	100.441	ug/l	100
61) 1,2-Dibromoethane	11.238	107	238852	102.586	ug/l	98
64) Tetrachloroethene	10.867	164	276719	93.159	ug/l	98
65) Chlorobenzene	11.661	112	880181	98.231	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	336423	96.884	ug/l	98
67) Ethyl Benzene	11.738	91	1581557	103.820	ug/l	96
68) m/p-Xylenes	11.843	106	1233716	205.651	ug/l	99
69) o-Xylene	12.173	106	586247	104.846	ug/l	100
70) Styrene	12.185	104	1018340	106.203	ug/l	100
71) Bromoform	12.349	173	187114	98.962	ug/l #	97
73) Isopropylbenzene	12.467	105	1570988	104.818	ug/l	99
74) N-amyl acetate	12.279	43	337979	111.572	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.720	83	279839	99.287	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	207858m	106.320	ug/l	
77) Bromobenzene	12.749	156	366331	100.438	ug/l	99
78) n-propylbenzene	12.808	91	1927944	105.021	ug/l	100
79) 2-Chlorotoluene	12.896	91	1100538	102.207	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	1341457	104.799	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	96167	110.393	ug/l	98
82) 4-Chlorotoluene	12.990	91	1159866	100.921	ug/l	100
83) tert-Butylbenzene	13.208	119	1182429	106.713	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	1328284	105.197	ug/l	99
85) sec-Butylbenzene	13.390	105	1720700	104.434	ug/l	100
86) p-Isopropyltoluene	13.502	119	1440374	105.834	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	743984	98.872	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	729344	97.796	ug/l	99
89) n-Butylbenzene	13.826	91	1352891	105.725	ug/l	99
90) Hexachloroethane	14.096	117	281225	96.750	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	653784	100.711	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	45988	104.481	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	401080	106.058	ug/l	98
94) Hexachlorobutadiene	15.249	225	211584	98.726	ug/l	98
95) Naphthalene	15.384	128	780709	118.822	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	350855	106.653	ug/l	98

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

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