

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010422\
 Data File : VW021722.D
 Acq On : 04 Jan 2022 00:03
 Operator : SY/VA
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 04 05:53:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 04 05:50:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/04/2022
 Supervised By :Semsettin Yesilyurt 01/04/2022

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	122131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	202485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	198548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	106695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	129653	110.179	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 220.360%#			
35) Dibromofluoromethane	7.885	113	126470	100.727	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 201.460%#			
50) Toluene-d8	10.323	98	501474	106.693	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 213.380%#			
62) 4-Bromofluorobenzene	12.615	95	183704	104.938	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 209.880%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	21003	101.175	ug/l	95
3) Chloromethane	2.215	50	111893	144.604	ug/l	98
4) Vinyl Chloride	2.361	62	169077	129.115	ug/l	95
5) Bromomethane	2.782	94	194379	192.517	ug/l	96
6) Chloroethane	2.916	64	135001	243.701	ug/l	99
7) Trichlorofluoromethane	3.257	101	79536	142.412	ug/l	94
8) Diethyl Ether	3.690	74	53696	99.883	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.068	101	112354	104.609	ug/l	99
10) Methyl Iodide	4.275	142	163864	102.811	ug/l	98
11) Tert butyl alcohol	5.233	59	26133	283.469	ug/l #	93
12) 1,1-Dichloroethene	4.044	96	108155	103.258	ug/l	98
13) Acrolein	3.910	56	29471	1203.115	ug/l	97
14) Allyl chloride	4.672	41	170466	111.607	ug/l	97
15) Acrylonitrile	5.379	53	117255	501.866	ug/l	99
16) Acetone	4.147	43	115607	494.854	ug/l	100
17) Carbon Disulfide	4.385	76	329193	113.537	ug/l	99
18) Methyl Acetate	4.678	43	79018	92.452	ug/l	97
19) Methyl tert-butyl Ether	5.434	73	195592	107.046	ug/l	96
20) Methylene Chloride	4.922	84	130836	96.133	ug/l	99
21) trans-1,2-Dichloroethene	5.422	96	134563	111.309	ug/l	99
22) Diisopropyl ether	6.318	45	352499	111.771	ug/l	97
23) Vinyl Acetate	6.263	43	973828	544.315	ug/l	97
24) 1,1-Dichloroethane	6.220	63	230712	114.283	ug/l	99
25) 2-Butanone	7.183	43	159275	478.316	ug/l	99
26) 2,2-Dichloropropane	7.171	77	149113	105.556	ug/l	100
27) cis-1,2-Dichloroethene	7.177	96	149467	110.428	ug/l	98
28) Bromochloromethane	7.513	49	96196	114.037	ug/l	96
29) Tetrahydrofuran	7.537	42	93713	467.693	ug/l	98
30) Chloroform	7.677	83	252129	113.409	ug/l	99
31) Cyclohexane	7.958	56	202070	104.318	ug/l	98
32) 1,1,1-Trichloroethane	7.878	97	217112	115.547	ug/l	99
36) 1,1-Dichloropropene	8.086	75	198175	108.091	ug/l	97
37) Ethyl Acetate	7.257	43	68753	85.883	ug/l	98
38) Carbon Tetrachloride	8.074	117	197699	102.919	ug/l	98
39) Methylcyclohexane	9.336	83	239287	104.230	ug/l	96
40) Benzene	8.323	78	540704	103.324	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	44405	104.474	ug/l	92
42) 1,2-Dichloroethane	8.403	62	166452	104.422	ug/l	99
43) Isopropyl Acetate	8.427	43	141194	90.047	ug/l	98
44) Trichloroethene	9.098	130	147215	98.373	ug/l	95
45) 1,2-Dichloropropane	9.372	63	126740	105.129	ug/l	99
46) Dibromomethane	9.464	93	77270	101.475	ug/l	97
47) Bromodichloromethane	9.646	83	187016	103.941	ug/l	99
48) Methyl methacrylate	9.439	41	68747	96.127	ug/l	100
49) 1,4-Dioxane	9.488	88	18057	1760.651	ug/l #	91
51) 4-Methyl-2-Pentanone	10.213	43	362574	447.683	ug/l	100
52) Toluene	10.390	92	373659	110.286	ug/l	97
53) t-1,3-Dichloropropene	10.604	75	182377	103.553	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	211176	105.140	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	102217	100.409	ug/l	97
56) Ethyl methacrylate	10.646	69	126644	99.387	ug/l	97
57) 1,3-Dichloropropane	10.933	76	174694	101.677	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	297735	463.635	ug/l	99
59) 2-Hexanone	10.969	43	251500	447.472	ug/l	99
60) Dibromochloromethane	11.128	129	127891	100.997	ug/l	99
61) 1,2-Dibromoethane	11.238	107	103031	102.937	ug/l	99
64) Tetrachloroethene	10.866	164	135314	94.253	ug/l	95
65) Chlorobenzene	11.658	112	394547	98.918	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.731	131	143420	97.845	ug/l	98
67) Ethyl Benzene	11.731	91	713639	101.279	ug/l	97
68) m/p-Xylenes	11.841	106	580173	203.911	ug/l	98
69) o-Xylene	12.164	106	275473	103.387	ug/l	98
70) Styrene	12.183	104	463154	103.834	ug/l	100
71) Bromoform	12.353	173	74342	90.478	ug/l	93
73) Isopropylbenzene	12.463	105	745777	101.346	ug/l	99
74) N-amyl acetate	12.274	43	133788	81.300	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	110198	87.288	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	87903m	92.035	ug/l	
77) Bromobenzene	12.743	156	169121	95.832	ug/l	97
78) n-propylbenzene	12.804	91	889228	102.478	ug/l	100
79) 2-Chlorotoluene	12.890	91	497575	99.461	ug/l	100
80) 1,3,5-Trimethylbenzene	12.939	105	627111	99.564	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	32626	83.272	ug/l	97
82) 4-Chlorotoluene	12.987	91	510533	96.091	ug/l	98
83) tert-Butylbenzene	13.207	119	550441	97.777	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	616979	99.516	ug/l	97
85) sec-Butylbenzene	13.384	105	809557	99.808	ug/l	97
86) p-Isopropyltoluene	13.493	119	685649	98.565	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	345192	96.283	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	328910	91.827	ug/l	100
89) n-Butylbenzene	13.823	91	606929	97.300	ug/l	98
90) Hexachloroethane	14.091	117	114057	88.832	ug/l	100
91) 1,2-Dichlorobenzene	13.865	146	283871	89.602	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.481	75	17761	82.594	ug/l	92
93) 1,2,4-Trichlorobenzene	15.133	180	173589	80.551	ug/l	100
94) Hexachlorobutadiene	15.231	225	95516	78.313	ug/l	99
95) Naphthalene	15.359	128	333106	83.347	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	155009	81.816	ug/l	98

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

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