

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111021\
 Data File : VW020830.D
 Acq On : 10 Nov 2021 12:26
 Operator : SY/VA
 Sample : VSTDICC100
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 11 01:39:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 11 01:36:54 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/11/2021
 Supervised By :Mahesh Dadoda 11/17/2021

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

Internal Standards						
1) Pentafluorobenzene	7.946	168	94356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	136087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	120076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	61652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	75552	70.689	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 141.380%			
35) Dibromofluoromethane	7.885	113	74104	79.803	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 159.600%#			
50) Toluene-d8	10.323	98	292190	82.737	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 165.480%#			
62) 4-Bromofluorobenzene	12.615	95	105175	80.576	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 161.160%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	16324	58.961	ug/l	96
3) Chloromethane	2.209	50	48958	74.109	ug/l	100
4) Vinyl Chloride	2.355	62	76858	92.176	ug/l	97
5) Bromomethane	2.757	94	51805	102.469	ug/l	98
6) Chloroethane	2.904	64	35703	103.253	ug/l	99
7) Trichlorofluoromethane	3.245	101	45545	97.306	ug/l	91
8) Diethyl Ether	3.678	74	32206	69.747	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.050	101	70522	74.379	ug/l	97
10) Methyl Iodide	4.269	142	104591	91.617	ug/l	99
11) Tert butyl alcohol	5.178	59	25486	419.054	ug/l #	84
12) 1,1-Dichloroethene	4.038	96	69410	77.964	ug/l	94
13) Acrolein	3.891	56	10191	347.638	ug/l	100
14) Allyl chloride	4.666	41	106813	76.584	ug/l	95
15) Acrylonitrile	5.367	53	94232	408.811	ug/l	100
16) Acetone	4.123	43	90174	356.676	ug/l	100
17) Carbon Disulfide	4.379	76	182870	72.630	ug/l	100
18) Methyl Acetate	4.666	43	69563	87.818	ug/l	100
19) Methyl tert-butyl Ether	5.428	73	102047	69.785	ug/l	97
20) Methylene Chloride	4.910	84	68857	59.700	ug/l	98
21) trans-1,2-Dichloroethene	5.422	96	77584	78.829	ug/l	93
22) Diisopropyl ether	6.312	45	204401	71.546	ug/l	98
23) Vinyl Acetate	6.257	43	637292	390.519	ug/l	99
24) 1,1-Dichloroethane	6.214	63	131847	72.029	ug/l	99
25) 2-Butanone	7.171	43	131416	415.573	ug/l	99
26) 2,2-Dichloropropane	7.165	77	89324	76.582	ug/l	99
27) cis-1,2-Dichloroethene	7.165	96	84813	77.821	ug/l	96
28) Bromochloromethane	7.513	49	60502	78.877	ug/l #	97
29) Tetrahydrofuran	7.531	42	82618	425.957	ug/l	99
30) Chloroform	7.671	83	141764	74.576	ug/l	94
31) Cyclohexane	7.952	56	129700	72.531	ug/l	99
32) 1,1,1-Trichloroethane	7.872	97	124499	79.834	ug/l	97
36) 1,1-Dichloropropene	8.080	75	114215	79.054	ug/l	98
37) Ethyl Acetate	7.251	43	56872	85.346	ug/l	99
38) Carbon Tetrachloride	8.061	117	122607	85.893	ug/l	95
39) Methylcyclohexane	9.336	83	143699	83.943	ug/l	94
40) Benzene	8.324	78	303501	74.273	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	32530	85.284	ug/l	90
42) 1,2-Dichloroethane	8.397	62	92386	73.110	ug/l	100
43) Isopropyl Acetate	8.421	43	108274	86.311	ug/l	99
44) Trichloroethene	9.092	130	90098	82.700	ug/l	94
45) 1,2-Dichloropropane	9.366	63	70600	72.670	ug/l	96
46) Dibromomethane	9.457	93	44131	81.296	ug/l	95
47) Bromodichloromethane	9.640	83	105405	77.632	ug/l	100
48) Methyl methacrylate	9.433	41	51666	86.969	ug/l	96
49) 1,4-Dioxane	9.457	88	12279	1738.635	ug/l	96
51) 4-Methyl-2-Pentanone	10.207	43	289540	436.051	ug/l	99
52) Toluene	10.390	92	199994	78.687	ug/l	100
53) t-1,3-Dichloropropene	10.604	75	109033	80.007	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	120700	77.696	ug/l	99
55) 1,1,2-Trichloroethane	10.787	97	59347	79.114	ug/l	94
56) Ethyl methacrylate	10.646	69	80541	84.049	ug/l	97
57) 1,3-Dichloropropane	10.933	76	98852	75.382	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	225486	495.705	ug/l	96
59) 2-Hexanone	10.969	43	209111	440.250	ug/l	100
60) Dibromochloromethane	11.128	129	76750	85.005	ug/l	100
61) 1,2-Dibromoethane	11.232	107	60082	82.998	ug/l	99
64) Tetrachloroethene	10.866	164	77241	83.960	ug/l	93
65) Chlorobenzene	11.658	112	214661	81.479	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.731	131	80637	85.065	ug/l	99
67) Ethyl Benzene	11.731	91	397680	84.019	ug/l	99
68) m/p-Xylenes	11.835	106	311788	169.982	ug/l	95
69) o-Xylene	12.164	106	146137	86.504	ug/l	92
70) Styrene	12.183	104	244013	83.456	ug/l	99
71) Bromoform	12.347	173	53040	97.237	ug/l #	100
73) Isopropylbenzene	12.463	105	398195	88.771	ug/l	97
74) N-amyl acetate	12.268	43	100563	92.708	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	73754	88.140	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	48230m	73.996	ug/l	
77) Bromobenzene	12.743	156	92393	85.320	ug/l	97
78) n-propylbenzene	12.804	91	483259	87.358	ug/l	98
79) 2-Chlorotoluene	12.890	91	265043	83.398	ug/l	96
80) 1,3,5-Trimethylbenzene	12.939	105	333361	86.105	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	27133	100.766	ug/l	96
82) 4-Chlorotoluene	12.987	91	281045	84.059	ug/l	97
83) tert-Butylbenzene	13.207	119	306864	91.169	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	329927	86.143	ug/l	99
85) sec-Butylbenzene	13.384	105	428808	86.057	ug/l	95
86) p-Isopropyltoluene	13.493	119	375399	87.994	ug/l	97
87) 1,3-Dichlorobenzene	13.499	146	185601	84.516	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	182882	84.462	ug/l	99
89) n-Butylbenzene	13.823	91	353084	88.527	ug/l	99
90) Hexachloroethane	14.091	117	74234	97.421	ug/l	93
91) 1,2-Dichlorobenzene	13.865	146	157104	81.850	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.481	75	14920	97.970	ug/l	96
93) 1,2,4-Trichlorobenzene	15.133	180	109600	81.007	ug/l	99
94) Hexachlorobutadiene	15.225	225	67598	78.899	ug/l	96
95) Naphthalene	15.365	128	225572	97.363	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	96229	82.147	ug/l	97

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

