

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111721\
 Data File : VW020911.D
 Acq On : 17 Nov 2021 17:21
 Operator : SY/VA
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 18 04:25:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 04:21:42 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	85281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	124692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	116395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	59362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	79378	84.888	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 169.780%#			
35) Dibromofluoromethane	7.884	113	80392	97.662	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 195.320%#			
50) Toluene-d8	10.323	98	297499	95.137	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 190.280%#			
62) 4-Bromofluorobenzene	12.615	95	106926	93.408	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 186.820%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	19961	90.988	ug/l	99
3) Chloromethane	2.208	50	52644	94.730	ug/l	99
4) Vinyl Chloride	2.355	62	88433	116.490	ug/l	99
5) Bromomethane	2.751	94	59859	128.781	ug/l	100
6) Chloroethane	2.903	64	36553	109.872	ug/l	100
7) Trichlorofluoromethane	3.245	101	35290	70.992	ug/l	96
8) Diethyl Ether	3.678	74	37783	92.850	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.056	101	73924	87.687	ug/l	99
10) Methyl Iodide	4.269	142	113613	105.535	ug/l	99
11) Tert butyl alcohol	5.177	59	27540	469.224	ug/l #	87
12) 1,1-Dichloroethene	4.031	96	72309	91.924	ug/l	98
13) Acrolein	3.891	56	6289	140.168	ug/l	97
14) Allyl chloride	4.659	41	106144	85.448	ug/l	99
15) Acrylonitrile	5.366	53	77917	387.329	ug/l	100
16) Acetone	4.129	43	76303	351.624	ug/l	98
17) Carbon Disulfide	4.379	76	204663	90.097	ug/l	99
18) Methyl Acetate	4.665	43	53527	77.785	ug/l	99
19) Methyl tert-butyl Ether	5.421	73	120575	89.724	ug/l	95
20) Methylene Chloride	4.915	84	74517	64.535	ug/l	96
21) trans-1,2-Dichloroethene	5.421	96	83326	94.406	ug/l	98
22) Diisopropyl ether	6.311	45	214229	87.396	ug/l	99
23) Vinyl Acetate	6.250	43	635432	446.997	ug/l	100
24) 1,1-Dichloroethane	6.214	63	136682	86.703	ug/l	100
25) 2-Butanone	7.171	43	108708	395.013	ug/l	96
26) 2,2-Dichloropropane	7.165	77	90156	87.142	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	92683	97.873	ug/l	98
28) Bromochloromethane	7.512	49	58200	89.076	ug/l	100
29) Tetrahydrofuran	7.531	42	67299	399.721	ug/l	100
30) Chloroform	7.677	83	146821	88.363	ug/l	95
31) Cyclohexane	7.951	56	122912	78.389	ug/l	93
32) 1,1,1-Trichloroethane	7.872	97	126985	90.630	ug/l	99
36) 1,1-Dichloropropene	8.079	75	114618	87.104	ug/l	98
37) Ethyl Acetate	7.250	43	48974	82.419	ug/l	99
38) Carbon Tetrachloride	8.067	117	122650	92.323	ug/l	96
39) Methylcyclohexane	9.335	83	144033	93.012	ug/l	98
40) Benzene	8.323	78	316726	87.441	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	27375	79.135	ug/l	91
42) 1,2-Dichloroethane	8.402	62	97927	84.499	ug/l	100
43) Isopropyl Acetate	8.421	43	99992	89.025	ug/l	99
44) Trichloroethene	9.091	130	95709	95.806	ug/l	99
45) 1,2-Dichloropropane	9.366	63	74233	85.763	ug/l	97
46) Dibromomethane	9.457	93	46393	94.018	ug/l	96
47) Bromodichloromethane	9.646	83	113443	93.449	ug/l	98
48) Methyl methacrylate	9.433	41	43764	82.026	ug/l	99
49) 1,4-Dioxane	9.457	88	12312	1881.129	ug/l	97
51) 4-Methyl-2-Pentanone	10.207	43	247147	412.005	ug/l	100
52) Toluene	10.384	92	207730	90.886	ug/l	97
53) t-1,3-Dichloropropene	10.603	75	113746	92.792	ug/l	96
54) cis-1,3-Dichloropropene	10.073	75	128705	92.591	ug/l	100
55) 1,1,2-Trichloroethane	10.786	97	61025	89.292	ug/l	96
56) Ethyl methacrylate	10.646	69	81034	93.725	ug/l	99
57) 1,3-Dichloropropane	10.933	76	105184	89.357	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.921	63	202265	510.706	ug/l	99
59) 2-Hexanone	10.969	43	174540	413.306	ug/l	100
60) Dibromochloromethane	11.128	129	81334	99.470	ug/l	100
61) 1,2-Dibromoethane	11.231	107	62220	93.263	ug/l	99
64) Tetrachloroethene	10.859	164	86420	94.953	ug/l	88
65) Chlorobenzene	11.658	112	229177	91.351	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.731	131	89124	97.770	ug/l	97
67) Ethyl Benzene	11.731	91	413409	92.220	ug/l	96
68) m/p-Xylenes	11.835	106	328024	187.780	ug/l	98
69) o-Xylene	12.164	106	158286	97.691	ug/l	100
70) Styrene	12.182	104	260704	94.479	ug/l	97
71) Bromoform	12.347	173	53021	100.117	ug/l #	97
73) Isopropylbenzene	12.463	105	417351	98.937	ug/l	99
74) N-amyl acetate	12.274	43	98947	97.924	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	70239	89.980	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	43437m	68.479	ug/l	
77) Bromobenzene	12.743	156	101725	100.198	ug/l	96
78) n-propylbenzene	12.804	91	497949	96.701	ug/l	97
79) 2-Chlorotoluene	12.890	91	282477	94.901	ug/l	99
80) 1,3,5-Trimethylbenzene	12.938	105	358025	97.920	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	23956	96.879	ug/l	98
82) 4-Chlorotoluene	12.987	91	295115	94.110	ug/l	97
83) tert-Butylbenzene	13.207	119	320790	101.572	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	340939	94.032	ug/l	95
85) sec-Butylbenzene	13.383	105	460433	97.468	ug/l	100
86) p-Isopropyltoluene	13.493	119	395966	98.199	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	197322	94.393	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	203918	96.571	ug/l	98
89) n-Butylbenzene	13.822	91	349873	93.616	ug/l	97
90) Hexachloroethane	14.091	117	75580	105.542	ug/l	93
91) 1,2-Dichlorobenzene	13.865	146	172391	92.754	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	12334	87.891	ug/l	97
93) 1,2,4-Trichlorobenzene	15.133	180	116589	92.752	ug/l	96
94) Hexachlorobutadiene	15.231	225	73905	92.780	ug/l	90
95) Naphthalene	15.359	128	222330	100.003	ug/l	100
96) 1,2,3-Trichlorobenzene	15.548	180	107626	94.946	ug/l	96

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

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