

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111721\
 Data File : VW020908.D
 Acq On : 17 Nov 2021 16:09
 Operator : SY/VA
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC010

Quant Time: Nov 18 04:22:53 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	7.951	168	88012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	125836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.633	117	112549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	59084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	7752	8.033	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	16.060%#		
35) Dibromofluoromethane	7.884	113	7839	9.436	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	18.880%#		
50) Toluene-d8	10.323	98	27865	8.830	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	17.660%#		
62) 4-Bromofluorobenzene	12.615	95	10447	9.043	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	18.080%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	904	3.993	ug/l	93
3) Chloromethane	2.208	50	4264	7.435	ug/l	100
4) Vinyl Chloride	2.355	62	7992	10.201	ug/l	97
5) Bromomethane	2.763	94	5142	10.719	ug/l	99
6) Chloroethane	2.909	64	3032	8.831	ug/l	91
7) Trichlorofluoromethane	3.245	101	3452	6.729	ug/l	97
8) Diethyl Ether	3.678	74	3845	9.156	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.062	101	7319	8.412	ug/l	98
10) Methyl Iodide	4.263	142	10719	9.648	ug/l	99
11) Tert butyl alcohol	5.183	59	4060	67.027	ug/l #	92
12) 1,1-Dichloroethene	4.037	96	7011	8.636	ug/l	96
13) Acrolein	3.897	56	621	13.411	ug/l	84
14) Allyl chloride	4.671	41	10101	7.879	ug/l	99
15) Acrylonitrile	5.372	53	8446	40.683	ug/l	97
16) Acetone	4.129	43	8203	36.629	ug/l	93
17) Carbon Disulfide	4.379	76	18854	8.042	ug/l	98
18) Methyl Acetate	4.665	43	5959	8.391	ug/l	98
19) Methyl tert-butyl Ether	5.427	73	12839	9.257	ug/l	98
20) Methylene Chloride	4.909	84	10288	8.633	ug/l #	95
21) trans-1,2-Dichloroethene	5.415	96	8245	9.052	ug/l	94
22) Diisopropyl ether	6.311	45	21215	8.386	ug/l	93
23) Vinyl Acetate	6.256	43	62047	42.293	ug/l	98
24) 1,1-Dichloroethane	6.214	63	13650	8.390	ug/l	99
25) 2-Butanone	7.177	43	11809	41.579	ug/l	99
26) 2,2-Dichloropropane	7.165	77	10090	9.450	ug/l	96
27) cis-1,2-Dichloroethene	7.171	96	9072	9.283	ug/l	96
28) Bromochloromethane	7.512	49	5655	8.386	ug/l	95
29) Tetrahydrofuran	7.537	42	7266	41.817	ug/l	98
30) Chloroform	7.677	83	14954	8.721	ug/l	97
31) Cyclohexane	7.951	56	13409	8.286	ug/l #	93
32) 1,1,1-Trichloroethane	7.872	97	12555	8.683	ug/l	99
36) 1,1-Dichloropropene	8.079	75	11374	8.565	ug/l	98
37) Ethyl Acetate	7.256	43	5472	9.125	ug/l #	95
38) Carbon Tetrachloride	8.073	117	11987	8.941	ug/l	93
39) Methylcyclohexane	9.335	83	14004	8.961	ug/l	93
40) Benzene	8.323	78	32829	8.981	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	2471	7.078	ug/l #	82
42) 1,2-Dichloroethane	8.402	62	10013	8.561	ug/l	100
43) Isopropyl Acetate	8.421	43	10179	8.980	ug/l	100
44) Trichloroethene	9.091	130	9529	9.452	ug/l	96
45) 1,2-Dichloropropane	9.372	63	7383	8.452	ug/l	98
46) Dibromomethane	9.457	93	4824	9.687	ug/l	97
47) Bromodichloromethane	9.646	83	10959	8.945	ug/l	93
48) Methyl methacrylate	9.439	41	4416	8.202	ug/l	99
49) 1,4-Dioxane	9.457	88	1322	200.150	ug/l	94
51) 4-Methyl-2-Pentanone	10.207	43	26897	44.431	ug/l	98
52) Toluene	10.390	92	20891	9.057	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	11007	8.898	ug/l	94
54) cis-1,3-Dichloropropene	10.073	75	12442	8.869	ug/l	93
55) 1,1,2-Trichloroethane	10.786	97	6453	9.356	ug/l	97
56) Ethyl methacrylate	10.646	69	7922	9.079	ug/l	98
57) 1,3-Dichloropropane	10.932	76	10774	9.070	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.920	63	21228	53.112	ug/l	100
59) 2-Hexanone	10.969	43	18284	42.902	ug/l	99
60) Dibromochloromethane	11.127	129	7470	9.053	ug/l	97
61) 1,2-Dibromoethane	11.231	107	6399	9.504	ug/l	98
64) Tetrachloroethene	10.859	164	8562	9.729	ug/l	93
65) Chlorobenzene	11.658	112	22960	9.465	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.731	131	8062	9.146	ug/l	95
67) Ethyl Benzene	11.731	91	40988	9.456	ug/l	95
68) m/p-Xylenes	11.841	106	32845	19.445	ug/l	98
69) o-Xylene	12.164	106	15162	9.677	ug/l	99
70) Styrene	12.182	104	25352	9.501	ug/l	98
71) Bromoform	12.347	173	4763	9.301	ug/l #	99
73) Isopropylbenzene	12.463	105	41290	9.834	ug/l	97
74) N-amyl acetate	12.274	43	9663	9.608	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.712	83	7643	9.837	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	5634m	8.924	ug/l	
77) Bromobenzene	12.749	156	9657	9.557	ug/l	97
78) n-propylbenzene	12.804	91	47712	9.309	ug/l	99
79) 2-Chlorotoluene	12.889	91	28199	9.518	ug/l	100
80) 1,3,5-Trimethylbenzene	12.944	105	35265	9.690	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.511	75	2224	9.036	ug/l	98
82) 4-Chlorotoluene	12.987	91	29822	9.555	ug/l	98
83) tert-Butylbenzene	13.206	119	32253	10.260	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	34556	9.576	ug/l	98
85) sec-Butylbenzene	13.383	105	44863	9.542	ug/l	99
86) p-Isopropyltoluene	13.493	119	38528	9.600	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	20524	9.864	ug/l	97
88) 1,4-Dichlorobenzene	13.572	146	20452	9.731	ug/l	95
89) n-Butylbenzene	13.822	91	33406	8.981	ug/l	97
90) Hexachloroethane	14.090	117	7208	10.113	ug/l	92
91) 1,2-Dichlorobenzene	13.871	146	19076	10.312	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.480	75	1313	9.400	ug/l	98
93) 1,2,4-Trichlorobenzene	15.133	180	12901	10.312	ug/l	99
94) Hexachlorobutadiene	15.230	225	7347	9.267	ug/l	97
95) Naphthalene	15.358	128	23052	10.417	ug/l	100
96) 1,2,3-Trichlorobenzene	15.553	180	11489	10.183	ug/l	94

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

