

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111721\
 Data File : VW020913.D
 Acq On : 17 Nov 2021 19:46
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW111721

Manual Integrations
 APPROVED

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

Quant Time: Nov 18 05:05:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 05:03:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	85491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	125449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	113678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	62503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	39897	50.381	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.760%			
35) Dibromofluoromethane	7.885	113	39435	50.115	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.240%			
50) Toluene-d8	10.323	98	141622	49.072	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.140%			
62) 4-Bromofluorobenzene	12.615	95	54910	51.017	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.008	85	10470	51.454	ug/l	95
3) Chloromethane	2.209	50	25371	51.552	ug/l	99
4) Vinyl Chloride	2.355	62	44143	50.938	ug/l	99
5) Bromomethane	2.764	94	30795	55.208	ug/l	97
6) Chloroethane	2.910	64	17448	52.235	ug/l	100
7) Trichlorofluoromethane	3.251	101	17081	47.524	ug/l	96
8) Diethyl Ether	3.684	74	19941	52.825	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.056	101	37673	50.809	ug/l	98
10) Methyl Iodide	4.263	142	55505	49.631	ug/l	100
11) Tert butyl alcohol	5.172	59	20466	293.345	ug/l #	93
12) 1,1-Dichloroethene	4.038	96	35743	49.195	ug/l	97
13) Acrolein	3.891	56	3416	268.465	ug/l	93
14) Allyl chloride	4.666	41	52779	50.597	ug/l	99
15) Acrylonitrile	5.361	53	42551	260.533	ug/l	99
16) Acetone	4.117	43	42569	258.599	ug/l	99
17) Carbon Disulfide	4.379	76	101633	50.904	ug/l	99
18) Methyl Acetate	4.666	43	29594	51.522	ug/l	100
19) Methyl tert-butyl Ether	5.422	73	64588	51.586	ug/l	94
20) Methylene Chloride	4.916	84	40284	50.611	ug/l	96
21) trans-1,2-Dichloroethene	5.422	96	42124	50.930	ug/l	96
22) Diisopropyl ether	6.312	45	110509	51.633	ug/l	99
23) Vinyl Acetate	6.251	43	329511	263.088	ug/l	100
24) 1,1-Dichloroethane	6.214	63	69766	51.236	ug/l	99
25) 2-Butanone	7.171	43	59492	254.461	ug/l	93
26) 2,2-Dichloropropane	7.165	77	44871	46.441	ug/l	99
27) cis-1,2-Dichloroethene	7.165	96	47517	51.427	ug/l	99
28) Bromochloromethane	7.513	49	29570	51.319	ug/l	98
29) Tetrahydrofuran	7.531	42	37802	266.617	ug/l	99
30) Chloroform	7.677	83	77175	51.517	ug/l	98
31) Cyclohexane	7.952	56	61271	46.379	ug/l	95
32) 1,1,1-Trichloroethane	7.872	97	64574	51.050	ug/l	100
36) 1,1-Dichloropropene	8.080	75	57676	51.177	ug/l	99
37) Ethyl Acetate	7.251	43	26259	51.082	ug/l	99
38) Carbon Tetrachloride	8.067	117	61359	51.182	ug/l	97
39) Methylcyclohexane	9.336	83	71691	50.666	ug/l	98
40) Benzene	8.324	78	163135	50.768	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.476	41	13014	47.482	ug/l #	82
42) 1,2-Dichloroethane	8.397	62	50827	52.144	ug/l	100
43) Isopropyl Acetate	8.421	43	54243	53.768	ug/l	99
44) Trichloroethene	9.092	130	47877	51.066	ug/l	92
45) 1,2-Dichloropropane	9.366	63	38824	52.463	ug/l	95
46) Dibromomethane	9.457	93	25240	53.833	ug/l	94
47) Bromodichloromethane	9.646	83	58148	52.420	ug/l	98
48) Methyl methacrylate	9.433	41	23554	52.485	ug/l	99
49) 1,4-Dioxane	9.445	88	7214	1067.792	ug/l	96
51) 4-Methyl-2-Pentanone	10.207	43	136876	266.479	ug/l	99
52) Toluene	10.384	92	106161	51.396	ug/l	99
53) t-1,3-Dichloropropene	10.604	75	58462	53.080	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	65755	52.757	ug/l	98
55) 1,1,2-Trichloroethane	10.787	97	32975	52.459	ug/l	94
56) Ethyl methacrylate	10.646	69	43134	53.889	ug/l	99
57) 1,3-Dichloropropane	10.933	76	54576	51.568	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	106080	263.338	ug/l	99
59) 2-Hexanone	10.963	43	96588	270.315	ug/l	100
60) Dibromochloromethane	11.128	129	42367	53.462	ug/l	98
61) 1,2-Dibromoethane	11.232	107	33040	52.977	ug/l	97
64) Tetrachloroethene	10.866	164	43195	51.145	ug/l #	83
65) Chlorobenzene	11.658	112	116440	50.947	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.731	131	43801	51.542	ug/l	96
67) Ethyl Benzene	11.731	91	211465	52.724	ug/l	95
68) m/p-Xylenes	11.835	106	165195	101.878	ug/l	99
69) o-Xylene	12.164	106	79638	52.376	ug/l	97
70) Styrene	12.177	104	134120	52.520	ug/l	98
71) Bromoform	12.347	173	25563	52.040	ug/l #	97
73) Isopropylbenzene	12.463	105	212795	49.821	ug/l	98
74) N-amyl acetate	12.268	43	53684	52.768	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	37748	50.658	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	28934m	51.523	ug/l	
77) Bromobenzene	12.743	156	51786	49.917	ug/l	99
78) n-propylbenzene	12.804	91	249583	49.612	ug/l	100
79) 2-Chlorotoluene	12.890	91	145544	50.058	ug/l	99
80) 1,3,5-Trimethylbenzene	12.939	105	181854	49.650	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	12241	51.275	ug/l	99
82) 4-Chlorotoluene	12.987	91	152674	49.515	ug/l	98
83) tert-Butylbenzene	13.207	119	165644	50.598	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	178906	49.464	ug/l	97
85) sec-Butylbenzene	13.378	105	231661	49.173	ug/l	99
86) p-Isopropyltoluene	13.493	119	199699	49.170	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	106147	50.484	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	103871	49.161	ug/l	98
89) n-Butylbenzene	13.823	91	188256	51.623	ug/l	98
90) Hexachloroethane	14.091	117	38379	50.176	ug/l	97
91) 1,2-Dichlorobenzene	13.865	146	93284	50.500	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	6924	52.914	ug/l	98
93) 1,2,4-Trichlorobenzene	15.127	180	68209	51.820	ug/l	98
94) Hexachlorobutadiene	15.237	225	34703	46.491	ug/l	98
95) Naphthalene	15.359	128	123673	50.694	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	58085	50.044	ug/l	98

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

