

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111021\
 Data File : VW020836.D
 Acq On : 10 Nov 2021 16:50
 Operator : SY/VA
 Sample : VW1110SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1110SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 11 02:07:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 11 01:59:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	81810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	113723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	97694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	52262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	34011	50.272	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.540%			
35) Dibromofluoromethane	7.884	113	33358	52.468	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.940%			
50) Toluene-d8	10.323	98	130773	52.573	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.140%			
62) 4-Bromofluorobenzene	12.615	95	45913	51.160	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.320%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.001	85	2115	13.785	ug/l	96
3) Chloromethane	2.209	50	8216	18.572	ug/l	98
4) Vinyl Chloride	2.355	62	12258	17.877	ug/l	95
5) Bromomethane	2.763	94	9074	19.640	ug/l	99
6) Chloroethane	2.910	64	4969	16.343	ug/l	94
7) Trichlorofluoromethane	3.251	101	6409	17.937	ug/l	86
8) Diethyl Ether	3.684	74	4940	17.729	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.062	101	11390	18.133	ug/l	97
10) Methyl Iodide	4.263	142	15064	17.467	ug/l	100
11) Tert butyl alcohol	5.196	59	3802	81.725	ug/l #	81
12) 1,1-Dichloroethene	4.037	96	10633	17.495	ug/l	98
13) Acrolein	3.897	56	2172	106.195	ug/l	99
14) Allyl chloride	4.665	41	15665	17.402	ug/l	95
15) Acrylonitrile	5.367	53	13786	86.730	ug/l	99
16) Acetone	4.129	43	11412	72.715	ug/l	95
17) Carbon Disulfide	4.379	76	28776	17.764	ug/l	98
18) Methyl Acetate	4.672	43	10068	17.105	ug/l	99
19) Methyl tert-butyl Ether	5.427	73	15700	18.120	ug/l	98
20) Methylene Chloride	4.915	84	12784	18.759	ug/l	98
21) trans-1,2-Dichloroethene	5.427	96	11783	17.862	ug/l	95
22) Diisopropyl ether	6.311	45	28618	16.930	ug/l	91
23) Vinyl Acetate	6.257	43	90163	86.035	ug/l	95
24) 1,1-Dichloroethane	6.214	63	19500	17.514	ug/l	97
25) 2-Butanone	7.171	43	18073	79.959	ug/l	98
26) 2,2-Dichloropropane	7.171	77	13507	17.876	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	12515	17.261	ug/l	94
28) Bromochloromethane	7.512	49	10326	19.564	ug/l #	92
29) Tetrahydrofuran	7.537	42	12049	85.514	ug/l	98
30) Chloroform	7.677	83	20296	17.300	ug/l	94
31) Cyclohexane	7.951	56	21168	17.444	ug/l #	95
32) 1,1,1-Trichloroethane	7.872	97	18375	17.629	ug/l	95
36) 1,1-Dichloropropene	8.079	75	16749	17.818	ug/l	95
37) Ethyl Acetate	7.256	43	8458	18.637	ug/l	99
38) Carbon Tetrachloride	8.067	117	18227	18.512	ug/l	100
39) Methylcyclohexane	9.335	83	22548	18.288	ug/l	96
40) Benzene	8.323	78	46493	18.479	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	4777	18.241	ug/l	89
42) 1,2-Dichloroethane	8.403	62	13404	18.102	ug/l	100
43) Isopropyl Acetate	8.427	43	15668	18.159	ug/l	98
44) Trichloroethene	9.091	130	13882	18.539	ug/l	97
45) 1,2-Dichloropropane	9.372	63	9905	17.333	ug/l	96
46) Dibromomethane	9.457	93	6408	18.131	ug/l	97
47) Bromodichloromethane	9.646	83	14671	17.371	ug/l	99
48) Methyl methacrylate	9.439	41	7511	18.234	ug/l	95
49) 1,4-Dioxane	9.463	88	1858	347.333	ug/l #	74
51) 4-Methyl-2-Pentanone	10.207	43	41200	89.913	ug/l	100
52) Toluene	10.384	92	29121	17.667	ug/l	98
53) t-1,3-Dichloropropene	10.603	75	14571	16.769	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	16700	17.272	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	8479	18.069	ug/l	91
56) Ethyl methacrylate	10.646	69	11378	17.572	ug/l	95
57) 1,3-Dichloropropane	10.933	76	14438	18.213	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	37576	103.284	ug/l	96
59) 2-Hexanone	10.969	43	29070	86.435	ug/l	99
60) Dibromochloromethane	11.128	129	10744	17.425	ug/l	99
61) 1,2-Dibromoethane	11.237	107	8885	18.326	ug/l	99
64) Tetrachloroethene	10.866	164	12481	19.743	ug/l #	81
65) Chlorobenzene	11.658	112	31220	18.274	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.731	131	11442	18.461	ug/l	100
67) Ethyl Benzene	11.731	91	57533	18.320	ug/l	95
68) m/p-Xylenes	11.841	106	45323	36.499	ug/l	96
69) o-Xylene	12.164	106	21516	18.671	ug/l	89
70) Styrene	12.176	104	35096	18.234	ug/l	97
71) Bromoform	12.347	173	6727	16.793	ug/l #	95
73) Isopropylbenzene	12.463	105	58887	18.063	ug/l	97
74) N-amyl acetate	12.268	43	13794	17.719	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	10737	18.449	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	8416m	20.944	ug/l	
77) Bromobenzene	12.743	156	14188	18.781	ug/l	92
78) n-propylbenzene	12.804	91	70007	17.675	ug/l	96
79) 2-Chlorotoluene	12.890	91	39217	18.052	ug/l	96
80) 1,3,5-Trimethylbenzene	12.938	105	48727	17.940	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.512	75	3569	17.483	ug/l	99
82) 4-Chlorotoluene	12.987	91	40375	17.960	ug/l	95
83) tert-Butylbenzene	13.200	119	45585	17.875	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	47567	17.819	ug/l	97
85) sec-Butylbenzene	13.383	105	65837	18.061	ug/l	97
86) p-Isopropyltoluene	13.493	119	56628	18.126	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	28528	18.673	ug/l	97
88) 1,4-Dichlorobenzene	13.578	146	27554	18.258	ug/l	100
89) n-Butylbenzene	13.822	91	52322	17.990	ug/l	98
90) Hexachloroethane	14.091	117	10450	17.397	ug/l	91
91) 1,2-Dichlorobenzene	13.865	146	24121	18.671	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2083	17.839	ug/l	90
93) 1,2,4-Trichlorobenzene	15.127	180	18269	18.563	ug/l	93
94) Hexachlorobutadiene	15.231	225	11144	17.963	ug/l	92
95) Naphthalene	15.365	128	35508	18.444	ug/l	98
96) 1,2,3-Trichlorobenzene	15.548	180	15212	17.895	ug/l	98

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

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