

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111021\
 Data File : VW020837.D
 Acq On : 10 Nov 2021 17:14
 Operator : SY/VA
 Sample : VW1110SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 19 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 02:07:36 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	7.952	168	75150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	105475	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	92971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	49514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	31850	51.250	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.500%			
35) Dibromofluoromethane	7.884	113	30882	52.372	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.740%			
50) Toluene-d8	10.323	98	122140	52.942	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.880%			
62) 4-Bromofluorobenzene	12.615	95	42343	50.872	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	2089	14.822	ug/l	97
3) Chloromethane	2.209	50	8014	19.721	ug/l	96
4) Vinyl Chloride	2.355	62	12346	19.602	ug/l	100
5) Bromomethane	2.751	94	8098	19.051	ug/l	95
6) Chloroethane	2.910	64	4586	16.420	ug/l	92
7) Trichlorofluoromethane	3.251	101	5673	17.363	ug/l	98
8) Diethyl Ether	3.684	74	4707	18.390	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.062	101	10667	18.487	ug/l	97
10) Methyl Iodide	4.269	142	14829	18.718	ug/l	98
11) Tert butyl alcohol	5.172	59	4231	99.006	ug/l #	85
12) 1,1-Dichloroethene	4.038	96	10443	18.705	ug/l	92
13) Acrolein	3.897	56	1941	103.311	ug/l	95
14) Allyl chloride	4.666	41	14908	18.029	ug/l	93
15) Acrylonitrile	5.367	53	13467	92.232	ug/l	99
16) Acetone	4.129	43	12251	84.408	ug/l	99
17) Carbon Disulfide	4.385	76	27890	18.743	ug/l	99
18) Methyl Acetate	4.678	43	10430	19.290	ug/l	99
19) Methyl tert-butyl Ether	5.428	73	15223	19.126	ug/l	99
20) Methylene Chloride	4.909	84	12644	20.428	ug/l	97
21) trans-1,2-Dichloroethene	5.421	96	10863	17.926	ug/l	93
22) Diisopropyl ether	6.305	45	27431	17.666	ug/l	93
23) Vinyl Acetate	6.251	43	84262	87.530	ug/l	98
24) 1,1-Dichloroethane	6.214	63	17991	17.591	ug/l	97
25) 2-Butanone	7.171	43	18001	86.699	ug/l	98
26) 2,2-Dichloropropane	7.165	77	12549	18.080	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	11662	17.510	ug/l	95
28) Bromochloromethane	7.513	49	9351	19.287	ug/l #	89
29) Tetrahydrofuran	7.531	42	11976	92.529	ug/l	99
30) Chloroform	7.677	83	19095	17.719	ug/l	99
31) Cyclohexane	7.952	56	19864	17.820	ug/l	97
32) 1,1,1-Trichloroethane	7.872	97	16727	17.470	ug/l	95
36) 1,1-Dichloropropene	8.086	75	16053	18.413	ug/l	96
37) Ethyl Acetate	7.257	43	8279	19.669	ug/l	99
38) Carbon Tetrachloride	8.061	117	16603	18.182	ug/l	95
39) Methylcyclohexane	9.335	83	20585	18.001	ug/l	95
40) Benzene	8.323	78	46624	19.980	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	4216	17.358	ug/l #	88
42) 1,2-Dichloroethane	8.403	62	12765	18.587	ug/l	99
43) Isopropyl Acetate	8.421	43	14862	18.572	ug/l	98
44) Trichloroethene	9.092	130	12660	18.229	ug/l	93
45) 1,2-Dichloropropane	9.372	63	9801	18.492	ug/l	97
46) Dibromomethane	9.457	93	6286	19.177	ug/l	97
47) Bromodichloromethane	9.646	83	14056	17.944	ug/l	94
48) Methyl methacrylate	9.433	41	7152	18.721	ug/l	94
49) 1,4-Dioxane	9.451	88	2038	410.774	ug/l	95
51) 4-Methyl-2-Pentanone	10.207	43	40223	94.645	ug/l	100
52) Toluene	10.384	92	27579	18.040	ug/l	98
53) t-1,3-Dichloropropene	10.603	75	14169	17.582	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	15959	17.797	ug/l	97
55) 1,1,2-Trichloroethane	10.786	97	8057	18.513	ug/l	99
56) Ethyl methacrylate	10.646	69	11128	18.529	ug/l	96
57) 1,3-Dichloropropane	10.933	76	13607	18.507	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.921	63	35748	105.944	ug/l	96
59) 2-Hexanone	10.969	43	28737	92.127	ug/l	98
60) Dibromochloromethane	11.128	129	10059	17.590	ug/l	99
61) 1,2-Dibromoethane	11.238	107	8590	19.103	ug/l	99
64) Tetrachloroethene	10.866	164	11597	19.277	ug/l #	84
65) Chlorobenzene	11.658	112	29172	17.943	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.731	131	10528	17.850	ug/l	98
67) Ethyl Benzene	11.731	91	53121	17.775	ug/l	90
68) m/p-Xylenes	11.835	106	41173	34.841	ug/l	96
69) o-Xylene	12.164	106	20059	18.291	ug/l	90
70) Styrene	12.176	104	32359	17.666	ug/l	98
71) Bromoform	12.347	173	7115	18.663	ug/l #	98
73) Isopropylbenzene	12.463	105	54813	17.746	ug/l	97
74) N-amyl acetate	12.274	43	13670	18.534	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.713	83	10380	18.826	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	6655m	17.481	ug/l	
77) Bromobenzene	12.743	156	13238	18.496	ug/l	93
78) n-propylbenzene	12.804	91	64663	17.232	ug/l	100
79) 2-Chlorotoluene	12.890	91	35272	17.137	ug/l	93
80) 1,3,5-Trimethylbenzene	12.938	105	44950	17.468	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.512	75	3423	17.699	ug/l	93
82) 4-Chlorotoluene	12.987	91	37368	17.545	ug/l	97
83) tert-Butylbenzene	13.201	119	41688	17.255	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	44327	17.527	ug/l	100
85) sec-Butylbenzene	13.377	105	60611	17.550	ug/l	96
86) p-Isopropyltoluene	13.493	119	53279	18.000	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	25869	17.872	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	25883	18.103	ug/l	98
89) n-Butylbenzene	13.822	91	47317	17.172	ug/l	98
90) Hexachloroethane	14.091	117	9394	16.507	ug/l	99
91) 1,2-Dichlorobenzene	13.871	146	23422	19.136	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2152	19.452	ug/l	88
93) 1,2,4-Trichlorobenzene	15.133	180	16644	17.850	ug/l	100
94) Hexachlorobutadiene	15.231	225	11011	18.734	ug/l	97
95) Naphthalene	15.359	128	34286	18.798	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	14452	17.944	ug/l	91

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

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