

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102821\
 Data File : VW020718.D
 Acq On : 28 Oct 2021 17:08
 Operator : SY/VA
 Sample : VW1028SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1028SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/29/2021 4:39:12 PM

Quant Time: Oct 29 05:45:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102821S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 05:37:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	109949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.847	114	159162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.633	117	146941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	77340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	47533	43.981	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.960%		
35) Dibromofluoromethane	7.890	113	43337	46.415	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.820%		
50) Toluene-d8	10.323	98	161247	46.019	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.040%		
62) 4-Bromofluorobenzene	12.615	95	60475	45.749	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.500%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	3043	14.391	ug/l	94
3) Chloromethane	2.208	50	10481	15.943	ug/l	97
4) Vinyl Chloride	2.361	62	13223	17.187	ug/l	96
5) Bromomethane	2.769	94	5481	17.608	ug/l	99
6) Chloroethane	2.909	64	3797	20.554	ug/l	99
7) Trichlorofluoromethane	3.257	101	8194	22.636	ug/l	89
8) Diethyl Ether	3.690	74	7143	15.921	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.062	101	15399	17.369	ug/l	100
10) Methyl Iodide	4.269	142	18083	17.895	ug/l	99
11) Tert butyl alcohol	5.189	59	4009	69.700	ug/l	97
12) 1,1-Dichloroethene	4.043	96	14206	16.439	ug/l	95
13) Acrolein	3.891	56	2111	83.480	ug/l	92
14) Allyl chloride	4.665	41	23530	17.705	ug/l	98
15) Acrylonitrile	5.372	53	16565	78.865	ug/l	97
16) Acetone	4.129	43	14248	66.927	ug/l	99
17) Carbon Disulfide	4.385	76	40693	17.012	ug/l	99
18) Methyl Acetate	4.677	43	12910	16.705	ug/l	99
19) Methyl tert-butyl Ether	5.433	73	20367	17.198	ug/l	98
20) Methylene Chloride	4.915	84	19560	17.559	ug/l	98
21) trans-1,2-Dichloroethene	5.427	96	16494	17.065	ug/l	97
22) Diisopropyl ether	6.317	45	46557	16.793	ug/l	98
23) Vinyl Acetate	6.262	43	114473	75.882	ug/l	99
24) 1,1-Dichloroethane	6.220	63	30392	17.103	ug/l	99
25) 2-Butanone	7.171	43	19975	68.705	ug/l	99
26) 2,2-Dichloropropane	7.171	77	17393	17.591	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	17950	16.979	ug/l	98
28) Bromochloromethane	7.518	49	14867	18.005	ug/l #	100
29) Tetrahydrofuran	7.537	42	13160	74.808	ug/l	100
30) Chloroform	7.677	83	31795	17.138	ug/l	94
31) Cyclohexane	7.957	56	30250	16.703	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	25414	17.892	ug/l	99
36) 1,1-Dichloropropene	8.085	75	24622	17.341	ug/l	100
37) Ethyl Acetate	7.256	43	9790	16.157	ug/l	97
38) Carbon Tetrachloride	8.067	117	23251	17.781	ug/l	97
39) Methylcyclohexane	9.341	83	29011	16.909	ug/l	98
40) Benzene	8.323	78	70655	17.338	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	5344	14.991	ug/l	97
42) 1,2-Dichloroethane	8.402	62	21377	17.068	ug/l	100
43) Isopropyl Acetate	8.427	43	17698	15.249	ug/l	97
44) Trichloroethene	9.097	130	18733	17.498	ug/l	89
45) 1,2-Dichloropropane	9.372	63	16605	17.276	ug/l	95
46) Dibromomethane	9.463	93	8978	17.190	ug/l	92
47) Bromodichloromethane	9.646	83	21944	16.551	ug/l	91
48) Methyl methacrylate	9.439	41	9111	16.032	ug/l	92
49) 1,4-Dioxane	9.451	88	2420	349.499	ug/l	99
51) 4-Methyl-2-Pentanone	10.213	43	47393	78.057	ug/l	99
52) Toluene	10.390	92	43798	17.584	ug/l	99
53) t-1,3-Dichloropropene	10.609	75	21352	15.986	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	25179	16.386	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	12039	16.525	ug/l	98
56) Ethyl methacrylate	10.646	69	14360	16.111	ug/l	99
57) 1,3-Dichloropropane	10.932	76	21065	16.575	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.926	63	44989	104.260	ug/l	99
59) 2-Hexanone	10.969	43	31390	73.105	ug/l	98
60) Dibromochloromethane	11.127	129	14259	16.377	ug/l	99
61) 1,2-Dibromoethane	11.237	107	11429	16.392	ug/l	99
64) Tetrachloroethene	10.865	164	16654	17.798	ug/l	98
65) Chlorobenzene	11.658	112	46038	17.277	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	16558	17.051	ug/l	98
67) Ethyl Benzene	11.731	91	81098	16.800	ug/l	98
68) m/p-Xylenes	11.841	106	65147	34.841	ug/l	99
69) o-Xylene	12.164	106	29429	17.099	ug/l	100
70) Styrene	12.182	104	50813	17.223	ug/l	99
71) Bromoform	12.347	173	8609	16.219	ug/l #	100
73) Isopropylbenzene	12.463	105	79252	17.557	ug/l	98
74) N-amyl acetate	12.274	43	16285	16.608	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.712	83	13589	16.501	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	11161m	16.833	ug/l	
77) Bromobenzene	12.749	156	19565	17.313	ug/l	99
78) n-propylbenzene	12.804	91	100915	17.534	ug/l	100
79) 2-Chlorotoluene	12.889	91	59013	17.804	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	71682	17.643	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.511	75	4032	16.474	ug/l	93
82) 4-Chlorotoluene	12.987	91	62110	17.655	ug/l	98
83) tert-Butylbenzene	13.206	119	60701	17.574	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	71481	17.667	ug/l	98
85) sec-Butylbenzene	13.383	105	91834	17.673	ug/l	99
86) p-Isopropyltoluene	13.493	119	77976	17.674	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	41538	17.934	ug/l	100
88) 1,4-Dichlorobenzene	13.578	146	39985	17.304	ug/l	96
89) n-Butylbenzene	13.822	91	72512	17.485	ug/l	99
90) Hexachloroethane	14.090	117	13697	17.056	ug/l	99
91) 1,2-Dichlorobenzene	13.871	146	35331	17.422	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.480	75	2272	15.472	ug/l	95
93) 1,2,4-Trichlorobenzene	15.127	180	23254	16.717	ug/l	96
94) Hexachlorobutadiene	15.230	225	16688	18.566	ug/l	98
95) Naphthalene	15.364	128	36558	16.917	ug/l	99
96) 1,2,3-Trichlorobenzene	15.553	180	20107	16.095	ug/l	99

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

