

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102821\
 Data File : VW020719.D
 Acq On : 28 Oct 2021 17:32
 Operator : SY/VA
 Sample : VW1028SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1028SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/29/2021 4:39:14 PM

Quant Time: Oct 29 05:46:20 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	107664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	163010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	148836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	81505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	50043	47.287	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.580%		
35) Dibromofluoromethane	7.884	113	45098	47.161	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.320%		
50) Toluene-d8	10.323	98	167696	46.730	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.460%		
62) 4-Bromofluorobenzene	12.615	95	63116	46.619	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	2594	13.366	ug/l	91
3) Chloromethane	2.209	50	11218	17.426	ug/l	97
4) Vinyl Chloride	2.355	62	14077	18.685	ug/l	100
5) Bromomethane	2.751	94	6009	19.714	ug/l	97
6) Chloroethane	2.910	64	4105	22.126	ug/l	98
7) Trichlorofluoromethane	3.251	101	8290	23.387	ug/l	96
8) Diethyl Ether	3.684	74	7809	17.775	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.068	101	15617	17.989	ug/l	98
10) Methyl Iodide	4.269	142	20179	20.059	ug/l	99
11) Tert butyl alcohol	5.178	59	4774	84.762	ug/l #	87
12) 1,1-Dichloroethene	4.038	96	14692	17.362	ug/l	95
13) Acrolein	3.903	56	2448	98.861	ug/l	94
14) Allyl chloride	4.672	41	24986	19.199	ug/l	99
15) Acrylonitrile	5.367	53	18637	90.612	ug/l	98
16) Acetone	4.129	43	17118	79.022	ug/l	100
17) Carbon Disulfide	4.385	76	42494	18.142	ug/l	100
18) Methyl Acetate	4.672	43	14726	19.459	ug/l	97
19) Methyl tert-butyl Ether	5.428	73	22226	19.167	ug/l	98
20) Methylene Chloride	4.922	84	19998	18.533	ug/l	97
21) trans-1,2-Dichloroethene	5.421	96	17012	17.975	ug/l	95
22) Diisopropyl ether	6.318	45	50532	18.614	ug/l	98
23) Vinyl Acetate	6.257	43	127831	86.535	ug/l	100
24) 1,1-Dichloroethane	6.220	63	31318	17.998	ug/l	99
25) 2-Butanone	7.171	43	23710	83.283	ug/l	98
26) 2,2-Dichloropropane	7.171	77	18192	18.789	ug/l	100
27) cis-1,2-Dichloroethene	7.177	96	18534	17.904	ug/l	99
28) Bromochloromethane	7.519	49	15678	19.390	ug/l #	100
29) Tetrahydrofuran	7.531	42	15407	89.440	ug/l	99
30) Chloroform	7.677	83	32510	17.896	ug/l	98
31) Cyclohexane	7.958	56	30744	17.336	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	26351	18.945	ug/l	98
36) 1,1-Dichloropropene	8.079	75	25324	17.414	ug/l	100
37) Ethyl Acetate	7.256	43	10465	16.863	ug/l	99
38) Carbon Tetrachloride	8.067	117	24312	18.154	ug/l	98
39) Methylcyclohexane	9.335	83	29789	16.953	ug/l	95
40) Benzene	8.329	78	72062	17.266	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	6258	17.141	ug/l	95
42) 1,2-Dichloroethane	8.403	62	22395	17.459	ug/l	100
43) Isopropyl Acetate	8.427	43	20132	16.937	ug/l	99
44) Trichloroethene	9.092	130	18658	17.016	ug/l	100
45) 1,2-Dichloropropane	9.372	63	17228	17.501	ug/l	95
46) Dibromomethane	9.457	93	9188	17.177	ug/l	100
47) Bromodichloromethane	9.646	83	23600	17.380	ug/l	97
48) Methyl methacrylate	9.433	41	9415	16.175	ug/l	98
49) 1,4-Dioxane	9.457	88	2645	372.977	ug/l	99
51) 4-Methyl-2-Pentanone	10.213	43	54571	87.757	ug/l	99
52) Toluene	10.390	92	45420	17.805	ug/l	99
53) t-1,3-Dichloropropene	10.610	75	22737	16.621	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	26658	16.939	ug/l	99
55) 1,1,2-Trichloroethane	10.786	97	13014	17.441	ug/l	98
56) Ethyl methacrylate	10.646	69	15607	16.919	ug/l	96
57) 1,3-Dichloropropane	10.933	76	22695	17.436	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	49881	112.868	ug/l	99
59) 2-Hexanone	10.969	43	36543	83.097	ug/l	98
60) Dibromochloromethane	11.128	129	15610	17.505	ug/l	98
61) 1,2-Dibromoethane	11.237	107	12531	17.548	ug/l	99
64) Tetrachloroethene	10.860	164	17401	18.359	ug/l	94
65) Chlorobenzene	11.658	112	47342	17.541	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	17419	17.709	ug/l	98
67) Ethyl Benzene	11.731	91	85228	17.431	ug/l	99
68) m/p-Xylenes	11.841	106	66875	35.310	ug/l	97
69) o-Xylene	12.164	106	30757	17.644	ug/l	100
70) Styrene	12.182	104	52969	17.726	ug/l	100
71) Bromoform	12.347	173	9296	17.290	ug/l #	99
73) Isopropylbenzene	12.463	105	83629	17.576	ug/l	99
74) N-amyl acetate	12.274	43	18634	17.650	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.713	83	15300	17.629	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	12432m	17.792	ug/l	
77) Bromobenzene	12.743	156	19672	16.518	ug/l	95
78) n-propylbenzene	12.804	91	103094	16.998	ug/l	99
79) 2-Chlorotoluene	12.890	91	59344	16.989	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	72988	17.046	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.512	75	4587	17.458	ug/l	97
82) 4-Chlorotoluene	12.987	91	64376	17.364	ug/l	98
83) tert-Butylbenzene	13.207	119	62812	17.256	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	73755	17.297	ug/l	99
85) sec-Butylbenzene	13.383	105	94304	17.221	ug/l	99
86) p-Isopropyltoluene	13.499	119	79581	17.116	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	42634	17.466	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	42266	17.357	ug/l	97
89) n-Butylbenzene	13.822	91	73888	16.907	ug/l	99
90) Hexachloroethane	14.091	117	13989	16.529	ug/l	97
91) 1,2-Dichlorobenzene	13.871	146	37035	17.329	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2569	16.600	ug/l	96
93) 1,2,4-Trichlorobenzene	15.127	180	24992	17.048	ug/l	100
94) Hexachlorobutadiene	15.231	225	15973	16.862	ug/l	99
95) Naphthalene	15.365	128	41045	17.732	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	22407	17.020	ug/l	96

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

