

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090821\
 Data File : VW019996.D
 Acq On : 08 Sep 2021 11:49
 Operator : SY/VA
 Sample : VW0908SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 10:50:08 AM

Quant Time: Sep 09 04:08:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W090721S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 08 12:18:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	204033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	316618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	294144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	145492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	111171	46.935	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.880%		
35) Dibromofluoromethane	7.884	113	105479	50.730	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.460%		
50) Toluene-d8	10.323	98	405672	52.486	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.980%		
62) 4-Bromofluorobenzene	12.615	95	144527	50.537	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.013	85	22521	18.176	ug/l	100
3) Chloromethane	2.215	50	34269	18.580	ug/l	100
4) Vinyl Chloride	2.367	62	57462	19.214	ug/l	99
5) Bromomethane	2.782	94	48503	20.004	ug/l	97
6) Chloroethane	2.928	64	39858	19.347	ug/l	100
7) Trichlorofluoromethane	3.263	101	32441	18.959	ug/l	94
8) Diethyl Ether	3.684	74	18857	17.997	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.068	101	42294	18.931	ug/l	99
10) Methyl Iodide	4.275	142	58226	19.030	ug/l	99
11) Tert butyl alcohol	5.196	59	12186m	107.487	ug/l	
12) 1,1-Dichloroethene	4.044	96	40662	19.315	ug/l	96
13) Acrolein	3.897	56	7970	92.259	ug/l	100
14) Allyl chloride	4.672	41	51866	18.114	ug/l	99
15) Acrylonitrile	5.373	53	37857	86.704	ug/l	99
16) Acetone	4.135	43	33170	87.190	ug/l	92
17) Carbon Disulfide	4.391	76	121835	19.018	ug/l	98
18) Methyl Acetate	4.678	43	18401	17.037	ug/l	99
19) Methyl tert-butyl Ether	5.428	73	50826	18.299	ug/l	96
20) Methylene Chloride	4.921	84	54567	20.180	ug/l	96
21) trans-1,2-Dichloroethene	5.428	96	44984	18.813	ug/l	98
22) Diisopropyl ether	6.318	45	109169	17.993	ug/l	98
23) Vinyl Acetate	6.257	43	284356	88.584	ug/l	100
24) 1,1-Dichloroethane	6.220	63	79540	18.513	ug/l	99
25) 2-Butanone	7.177	43	46090	84.503	ug/l	93
26) 2,2-Dichloropropane	7.171	77	51395	19.783	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	47856	18.741	ug/l	99
28) Bromochloromethane	7.519	49	29294	17.179	ug/l	97
29) Tetrahydrofuran	7.537	42	28894	85.150	ug/l	98
30) Chloroform	7.677	83	83310	18.402	ug/l	96
31) Cyclohexane	7.958	56	72789	18.851	ug/l	92
32) 1,1,1-Trichloroethane	7.872	97	70084	19.131	ug/l	100
36) 1,1-Dichloropropene	8.079	75	65606	19.697	ug/l	99
37) Ethyl Acetate	7.256	43	22265	18.182	ug/l	99
38) Carbon Tetrachloride	8.073	117	67225	19.794	ug/l	98
39) Methylcyclohexane	9.335	83	77715	20.133	ug/l	94
40) Benzene	8.323	78	181375	19.769	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	11666	17.210	ug/l	98
42) 1,2-Dichloroethane	8.403	62	52059	18.480	ug/l	100
43) Isopropyl Acetate	8.427	43	39934	17.182	ug/l	96
44) Trichloroethene	9.091	130	46830	19.453	ug/l	96
45) 1,2-Dichloropropane	9.366	63	42724	19.151	ug/l	98
46) Dibromomethane	9.457	93	23739	18.862	ug/l	98
47) Bromodichloromethane	9.646	83	58722	18.728	ug/l	95
48) Methyl methacrylate	9.439	41	18679	19.583	ug/l	95
49) 1,4-Dioxane	9.463	88	5916	368.075	ug/l #	96
51) 4-Methyl-2-Pentanone	10.213	43	107657	89.336	ug/l	100
52) Toluene	10.390	92	117100	20.160	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	55344	18.400	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	65870	18.810	ug/l	97
55) 1,1,2-Trichloroethane	10.786	97	32127	18.836	ug/l	95
56) Ethyl methacrylate	10.646	69	33832	18.103	ug/l	97
57) 1,3-Dichloropropane	10.933	76	54398	18.590	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.927	63	86195	98.969	ug/l	99
59) 2-Hexanone	10.969	43	69256	85.996	ug/l	100
60) Dibromochloromethane	11.128	129	36452	18.461	ug/l	100
61) 1,2-Dibromoethane	11.237	107	29564	18.512	ug/l	98
64) Tetrachloroethene	10.859	164	40494	19.840	ug/l	93
65) Chlorobenzene	11.658	112	121580	19.231	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.731	131	41390	18.370	ug/l	98
67) Ethyl Benzene	11.731	91	221415	19.851	ug/l	99
68) m/p-Xylenes	11.841	106	174365	39.612	ug/l	98
69) o-Xylene	12.170	106	76476	18.280	ug/l	99
70) Styrene	12.182	104	133218	18.734	ug/l	98
71) Bromoform	12.353	173	20156	18.170	ug/l #	97
73) Isopropylbenzene	12.463	105	210509	19.742	ug/l	99
74) N-amyl acetate	12.274	43	37746	18.262	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	36325	19.215	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	29007m	21.463	ug/l	
77) Bromobenzene	12.749	156	47698	19.974	ug/l	98
78) n-propylbenzene	12.804	91	270356	19.907	ug/l	98
79) 2-Chlorotoluene	12.890	91	151834	20.123	ug/l	100
80) 1,3,5-Trimethylbenzene	12.944	105	187685	19.708	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	10370	18.680	ug/l	100
82) 4-Chlorotoluene	12.987	91	161453	20.354	ug/l	99
83) tert-Butylbenzene	13.207	119	153819	19.603	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	182237	19.556	ug/l	98
85) sec-Butylbenzene	13.383	105	238549	19.629	ug/l	100
86) p-Isopropyltoluene	13.499	119	200361	19.613	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	99639	19.679	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	99805	19.861	ug/l	98
89) n-Butylbenzene	13.822	91	189519	19.410	ug/l	99
90) Hexachloroethane	14.091	117	36609	19.715	ug/l	96
91) 1,2-Dichlorobenzene	13.871	146	88054	20.022	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	5630	18.150	ug/l	95
93) 1,2,4-Trichlorobenzene	15.133	180	54307	20.253	ug/l	99
94) Hexachlorobutadiene	15.231	225	33557	21.071	ug/l	97
95) Naphthalene	15.365	128	88172	18.476	ug/l	98
96) 1,2,3-Trichlorobenzene	15.554	180	47430	20.180	ug/l	98

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

