

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080321\
 Data File : VW019664.D
 Acq On : 03 Aug 2021 17:30
 Operator : SY/VA
 Sample : VW0803SBS01
 Misc : 5.00g/5.00mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0803SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/4/2021 7:04:35 PM

Quant Time: Aug 04 06:48:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W080321S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 16:22:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	684657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	1134869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	1027457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	502783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	428299	49.169	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.340%		
35) Dibromofluoromethane	7.884	113	369414	49.246	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.500%		
50) Toluene-d8	10.323	98	1462319	49.883	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.760%		
62) 4-Bromofluorobenzene	12.615	95	524789	50.173	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	74595	19.422	ug/l	96
3) Chloromethane	2.215	50	99363	18.992	ug/l	94
4) Vinyl Chloride	2.367	62	147225	19.326	ug/l	99
5) Bromomethane	2.782	94	116677	20.464	ug/l	99
6) Chloroethane	2.928	64	101480	20.951	ug/l	95
7) Trichlorofluoromethane	3.263	101	107260	18.543	ug/l	100
8) Diethyl Ether	3.684	74	69687	19.464	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.068	101	141217	20.421	ug/l	96
10) Methyl Iodide	4.275	142	168885	18.954	ug/l	97
11) Tert butyl alcohol	5.220	59	42249	113.556	ug/l	96
12) 1,1-Dichloroethene	4.050	96	134831	19.764	ug/l	97
13) Acrolein	3.897	56	33073	89.055	ug/l	100
14) Allyl chloride	4.672	41	192922	19.602	ug/l	90
15) Acrylonitrile	5.373	53	157925	102.507	ug/l	100
16) Acetone	4.141	43	132837	103.215	ug/l	98
17) Carbon Disulfide	4.391	76	360061	19.958	ug/l	98
18) Methyl Acetate	4.684	43	74094	21.152	ug/l	97
19) Methyl tert-butyl Ether	5.434	73	204225	20.360	ug/l	100
20) Methylene Chloride	4.922	84	289349	32.016	ug/l	99
21) trans-1,2-Dichloroethene	5.428	96	148355	19.626	ug/l	98
22) Diisopropyl ether	6.311	45	421447	20.105	ug/l #	91
23) Vinyl Acetate	6.257	43	1247191	102.022	ug/l	100
24) 1,1-Dichloroethane	6.220	63	282650	19.537	ug/l	99
25) 2-Butanone	7.183	43	193027	103.722	ug/l	98
26) 2,2-Dichloropropane	7.171	77	164256	20.455	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	163529	19.625	ug/l	97
28) Bromochloromethane	7.519	49	116598	20.451	ug/l	99
29) Tetrahydrofuran	7.537	42	123037	103.114	ug/l	98
30) Chloroform	7.677	83	291075	19.824	ug/l	97
31) Cyclohexane	7.958	56	254186	19.919	ug/l	91
32) 1,1,1-Trichloroethane	7.872	97	228521	20.052	ug/l	98
36) 1,1-Dichloropropene	8.086	75	228249	20.523	ug/l	99
37) Ethyl Acetate	7.256	43	90870	21.067	ug/l	98
38) Carbon Tetrachloride	8.073	117	209544	20.339	ug/l	99
39) Methylcyclohexane	9.335	83	264174	20.681	ug/l	96
40) Benzene	8.323	78	616685	20.133	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	49471	20.350	ug/l	91
42) 1,2-Dichloroethane	8.403	62	193774	20.212	ug/l	100
43) Isopropyl Acetate	8.427	43	168413	20.584	ug/l	99
44) Trichloroethene	9.091	130	161025	20.438	ug/l	95
45) 1,2-Dichloropropane	9.372	63	153550	19.794	ug/l	99
46) Dibromomethane	9.463	93	82752	20.170	ug/l	97
47) Bromodichloromethane	9.646	83	206156	20.121	ug/l	99
48) Methyl methacrylate	9.439	41	74914	20.602	ug/l	95
49) 1,4-Dioxane	9.476	88	21867	409.492	ug/l #	99
51) 4-Methyl-2-Pentanone	10.213	43	450587	105.264	ug/l	98
52) Toluene	10.390	92	390583	20.242	ug/l	99
53) t-1,3-Dichloropropene	10.610	75	201778	20.171	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	233999	20.007	ug/l	95
55) 1,1,2-Trichloroethane	10.786	97	113234	19.745	ug/l	96
56) Ethyl methacrylate	10.646	69	141357	20.496	ug/l	95
57) 1,3-Dichloropropane	10.933	76	202834	20.023	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.927	63	349838	109.202	ug/l	99
59) 2-Hexanone	10.969	43	302586	104.840	ug/l	95
60) Dibromochloromethane	11.128	129	122881	19.699	ug/l	98
61) 1,2-Dibromoethane	11.237	107	106715	19.956	ug/l	100
64) Tetrachloroethene	10.866	164	129876	20.367	ug/l	98
65) Chlorobenzene	11.658	112	408272	20.025	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	139991	20.049	ug/l	100
67) Ethyl Benzene	11.731	91	744523	20.140	ug/l	99
68) m/p-Xylenes	11.841	106	583219	41.300	ug/l	100
69) o-Xylene	12.170	106	264547	20.219	ug/l	94
70) Styrene	12.182	104	452936	20.484	ug/l	99
71) Bromoform	12.347	173	67892	20.241	ug/l #	91
73) Isopropylbenzene	12.463	105	736313	20.687	ug/l	100
74) N-amyl acetate	12.274	43	158419	21.156	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	136086	20.812	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	96113m	20.079	ug/l	
77) Bromobenzene	12.749	156	164004	20.992	ug/l	97
78) n-propylbenzene	12.804	91	937621	21.424	ug/l	99
79) 2-Chlorotoluene	12.890	91	529407	20.631	ug/l	97
80) 1,3,5-Trimethylbenzene	12.944	105	634870	20.923	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	37736	20.852	ug/l	89
82) 4-Chlorotoluene	12.987	91	570351	21.372	ug/l	100
83) tert-Butylbenzene	13.207	119	540722	20.736	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	637581	21.103	ug/l	100
85) sec-Butylbenzene	13.383	105	843062	21.292	ug/l	99
86) p-Isopropyltoluene	13.499	119	680187	20.936	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	341531	20.749	ug/l	98
88) 1,4-Dichlorobenzene	13.578	146	337927	20.649	ug/l	98
89) n-Butylbenzene	13.822	91	682027	21.338	ug/l	98
90) Hexachloroethane	14.091	117	121231	20.453	ug/l	90
91) 1,2-Dichlorobenzene	13.871	146	302807	20.941	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	22525	21.151	ug/l	99
93) 1,2,4-Trichlorobenzene	15.133	180	192982	21.512	ug/l	97
94) Hexachlorobutadiene	15.231	225	113404	21.747	ug/l	97
95) Naphthalene	15.365	128	359295	21.715	ug/l	100
96) 1,2,3-Trichlorobenzene	15.548	180	170040	21.444	ug/l	99

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

