

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072321\
 Data File : VW019570.D
 Acq On : 23 Jul 2021 13:56
 Operator : SY/VA
 Sample : VW0723SBS01
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/26/2021 5:19:43 PM

Quant Time: Jul 24 05:17:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 20 04:37:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	283390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	468906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	416355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	210490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	139054	50.779	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.560%
35) Dibromofluoromethane	7.884	113	131308	45.835	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.660%
50) Toluene-d8	10.323	98	499870	45.066	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.140%
62) 4-Bromofluorobenzene	12.615	95	191532	46.034	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	39267	19.434	ug/l	97
3) Chloromethane	2.215	50	48684	19.880	ug/l	95
4) Vinyl Chloride	2.367	62	68192	20.429	ug/l	99
5) Bromomethane	2.782	94	40248	20.893	ug/l	100
6) Chloroethane	2.928	64	40200	21.243	ug/l	99
7) Trichlorofluoromethane	3.263	101	45337	21.308	ug/l	98
8) Diethyl Ether	3.684	74	34290	20.613	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.074	101	64015	21.388	ug/l	98
10) Methyl Iodide	4.275	142	81347	20.873	ug/l	99
11) Tert butyl alcohol	5.196	59	18737m	83.459	ug/l	
12) 1,1-Dichloroethene	4.050	96	64830	20.813	ug/l	97
13) Acrolein	3.903	56	17853	94.764	ug/l	97
14) Allyl chloride	4.678	41	97900	21.883	ug/l	99
15) Acrylonitrile	5.373	53	70794	99.718	ug/l	99
16) Acetone	4.135	43	55544	107.768	ug/l	99
17) Carbon Disulfide	4.391	76	181272	20.344	ug/l	97
18) Methyl Acetate	4.678	43	33079	19.327	ug/l	99
19) Methyl tert-butyl Ether	5.427	73	93557	21.357	ug/l	99
20) Methylene Chloride	4.921	84	108692	30.311	ug/l	97
21) trans-1,2-Dichloroethene	5.427	96	71793	21.172	ug/l	96
22) Diisopropyl ether	6.311	45	207725	21.699	ug/l	97
23) Vinyl Acetate	6.257	43	572587	99.627	ug/l	100
24) 1,1-Dichloroethane	6.220	63	134974	21.112	ug/l	99
25) 2-Butanone	7.177	43	84116	94.875	ug/l	96
26) 2,2-Dichloropropane	7.165	77	72383	21.266	ug/l	99
27) cis-1,2-Dichloroethene	7.177	96	79262	20.954	ug/l	99
28) Bromochloromethane	7.512	49	51952	20.351	ug/l	99
29) Tetrahydrofuran	7.537	42	55200	93.721	ug/l	98
30) Chloroform	7.677	83	131529	21.052	ug/l	98
31) Cyclohexane	7.958	56	121261	20.364	ug/l	95
32) 1,1,1-Trichloroethane	7.872	97	101069	21.783	ug/l	99
36) 1,1-Dichloropropene	8.086	75	105704	21.145	ug/l	100
37) Ethyl Acetate	7.256	43	40733	19.443	ug/l	99
38) Carbon Tetrachloride	8.073	117	94152	21.560	ug/l	96
39) Methylcyclohexane	9.335	83	125449	21.114	ug/l	100
40) Benzene	8.329	78	299044	21.374	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	22468	18.889	ug/l	93
42) 1,2-Dichloroethane	8.403	62	83521	20.692	ug/l	99
43) Isopropyl Acetate	8.427	43	74838	19.109	ug/l	99
44) Trichloroethene	9.091	130	74265	21.064	ug/l	98
45) 1,2-Dichloropropane	9.372	63	74284	21.024	ug/l	100
46) Dibromomethane	9.463	93	37290	20.805	ug/l	99
47) Bromodichloromethane	9.646	83	93858	20.849	ug/l	96
48) Methyl methacrylate	9.439	41	34006	18.951	ug/l	99
49) 1,4-Dioxane	9.469	88	10282	387.761	ug/l #	100
51) 4-Methyl-2-Pentanone	10.213	43	195338	96.697	ug/l	99
52) Toluene	10.390	92	187101	21.544	ug/l	98
53) t-1,3-Dichloropropene	10.609	75	93312	20.320	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	112012	20.499	ug/l	99
55) 1,1,2-Trichloroethane	10.786	97	52881	20.949	ug/l	99
56) Ethyl methacrylate	10.646	69	65947	19.952	ug/l	100
57) 1,3-Dichloropropane	10.933	76	93795	20.544	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	150257	98.230	ug/l	99
59) 2-Hexanone	10.969	43	131591	98.182	ug/l	99
60) Dibromochloromethane	11.128	129	57001	20.552	ug/l	98
61) 1,2-Dibromoethane	11.237	107	49619	20.822	ug/l	95
64) Tetrachloroethene	10.859	164	58959	21.084	ug/l	94
65) Chlorobenzene	11.658	112	192297	21.713	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	65599	21.534	ug/l	99
67) Ethyl Benzene	11.731	91	354713	21.879	ug/l	99
68) m/p-Xylenes	11.841	106	270978	43.723	ug/l	96
69) o-Xylene	12.164	106	127741	22.047	ug/l	97
70) Styrene	12.182	104	215748	22.042	ug/l	99
71) Bromoform	12.347	173	30232	19.905	ug/l #	92
73) Isopropylbenzene	12.463	105	338883	21.190	ug/l	100
74) N-amyl acetate	12.274	43	70730	19.330	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	61004	20.283	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	40823m	19.623	ug/l	
77) Bromobenzene	12.749	156	73360	20.349	ug/l	96
78) n-propylbenzene	12.804	91	427145	21.363	ug/l	100
79) 2-Chlorotoluene	12.890	91	250789	21.333	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	295845	21.693	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	17087	18.719	ug/l	95
82) 4-Chlorotoluene	12.987	91	256717	21.118	ug/l	98
83) tert-Butylbenzene	13.207	119	247994	21.434	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	295534	21.655	ug/l	100
85) sec-Butylbenzene	13.383	105	378618	21.290	ug/l	100
86) p-Isopropyltoluene	13.499	119	322087	21.979	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	157792	21.384	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	156411	21.415	ug/l	99
89) n-Butylbenzene	13.822	91	309732	21.590	ug/l	98
90) Hexachloroethane	14.091	117	53967	20.889	ug/l	99
91) 1,2-Dichlorobenzene	13.865	146	135757	20.919	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	9330	18.710	ug/l	97
93) 1,2,4-Trichlorobenzene	15.133	180	93818	21.416	ug/l	98
94) Hexachlorobutadiene	15.231	225	55711	22.479	ug/l	95
95) Naphthalene	15.365	128	157178	19.590	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	82478	21.538	ug/l	95

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

