

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072021\
 Data File : VW019510.D
 Acq On : 20 Jul 2021 14:30
 Operator : SY/VA
 Sample : VW0720SBS01
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0720SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/21/2021 5:52:36 PM

Quant Time: Jul 20 16:04:43 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	301577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	503631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	458017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	224774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	153085	52.705	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.400%
35) Dibromofluoromethane	7.890	113	143234	46.550	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.100%
50) Toluene-d8	10.323	98	539154	45.256	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.520%
62) 4-Bromofluorobenzene	12.621	95	213074	47.681	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.360%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	35847	16.672	ug/l	97
3) Chloromethane	2.215	50	44229	16.971	ug/l	96
4) Vinyl Chloride	2.367	62	63036	17.745	ug/l	98
5) Bromomethane	2.782	94	38874	18.963	ug/l	96
6) Chloroethane	2.928	64	36328	18.039	ug/l	100
7) Trichlorofluoromethane	3.263	101	41252	18.219	ug/l	98
8) Diethyl Ether	3.684	74	32477	18.346	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.074	101	59684	18.739	ug/l	99
10) Methyl Iodide	4.281	142	75810	18.279	ug/l	98
11) Tert butyl alcohol	5.171	59	21995	94.239	ug/l	99
12) 1,1-Dichloroethene	4.050	96	61565	18.573	ug/l	99
13) Acrolein	3.897	56	20197	100.741	ug/l	100
14) Allyl chloride	4.671	41	89418	18.782	ug/l	100
15) Acrylonitrile	5.366	53	69732	92.298	ug/l	100
16) Acetone	4.123	43	77719	141.699	ug/l	99
17) Carbon Disulfide	4.391	76	165649	17.470	ug/l	99
18) Methyl Acetate	4.671	43	33827	18.572	ug/l	98
19) Methyl tert-butyl Ether	5.427	73	87498	18.769	ug/l	95
20) Methylene Chloride	4.928	84	107830	27.915	ug/l	97
21) trans-1,2-Dichloroethene	5.427	96	66598	18.456	ug/l	94
22) Diisopropyl ether	6.311	45	195560	19.196	ug/l	95
23) Vinyl Acetate	6.257	43	564201	92.248	ug/l	99
24) 1,1-Dichloroethane	6.220	63	126889	18.650	ug/l	99
25) 2-Butanone	7.171	43	91586	97.071	ug/l	98
26) 2,2-Dichloropropane	7.171	77	67121	18.531	ug/l	98
27) cis-1,2-Dichloroethene	7.177	96	74275	18.451	ug/l	99
28) Bromochloromethane	7.519	49	49608	18.260	ug/l	98
29) Tetrahydrofuran	7.537	42	59843	95.477	ug/l	99
30) Chloroform	7.677	83	123205	18.531	ug/l	99
31) Cyclohexane	7.957	56	117770	18.585	ug/l	98
32) 1,1,1-Trichloroethane	7.878	97	92924	18.819	ug/l	99
36) 1,1-Dichloropropene	8.085	75	101038	18.818	ug/l	100
37) Ethyl Acetate	7.256	43	42224	18.765	ug/l	100
38) Carbon Tetrachloride	8.073	117	86921	18.532	ug/l	99
39) Methylcyclohexane	9.335	83	121843	19.093	ug/l	100
40) Benzene	8.323	78	280897	18.693	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	23738	18.581	ug/l	96
42) 1,2-Dichloroethane	8.403	62	79566	18.353	ug/l	98
43) Isopropyl Acetate	8.427	43	77699	18.471	ug/l	99
44) Trichloroethene	9.091	130	69359	18.316	ug/l	92
45) 1,2-Dichloropropane	9.372	63	69717	18.371	ug/l	97
46) Dibromomethane	9.463	93	35283	18.328	ug/l	99
47) Bromodichloromethane	9.646	83	89309	18.470	ug/l	100
48) Methyl methacrylate	9.439	41	37443	19.428	ug/l	94
49) 1,4-Dioxane	9.445	88	11884	417.275	ug/l #	96
51) 4-Methyl-2-Pentanone	10.213	43	202708	93.426	ug/l	99
52) Toluene	10.390	92	171144	18.348	ug/l	99
53) t-1,3-Dichloropropene	10.609	75	89511	18.148	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	107180	18.263	ug/l	99
55) 1,1,2-Trichloroethane	10.786	97	50382	18.582	ug/l	97
56) Ethyl methacrylate	10.646	69	65880	18.558	ug/l	99
57) 1,3-Dichloropropane	10.933	76	90342	18.423	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	128117	77.981	ug/l	97
59) 2-Hexanone	10.969	43	139097	96.627	ug/l	100
60) Dibromochloromethane	11.128	129	53955	18.113	ug/l	97
61) 1,2-Dibromoethane	11.237	107	48031	18.766	ug/l	98
64) Tetrachloroethene	10.866	164	57381	18.653	ug/l	98
65) Chlorobenzene	11.658	112	178790	18.351	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	61081	18.227	ug/l	98
67) Ethyl Benzene	11.731	91	338706	18.991	ug/l	96
68) m/p-Xylenes	11.841	106	254476	37.325	ug/l	97
69) o-Xylene	12.164	106	120179	18.855	ug/l	95
70) Styrene	12.182	104	204127	18.958	ug/l	99
71) Bromoform	12.347	173	28947	17.326	ug/l #	93
73) Isopropylbenzene	12.463	105	326274	19.105	ug/l	100
74) N-amyl acetate	12.274	43	72010	18.429	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	58305	18.154	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	40652m	18.299	ug/l	
77) Bromobenzene	12.743	156	71480	18.567	ug/l	99
78) n-propylbenzene	12.804	91	404504	18.945	ug/l	100
79) 2-Chlorotoluene	12.896	91	237235	18.898	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	272995	18.746	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	16573	17.002	ug/l	93
82) 4-Chlorotoluene	12.987	91	243493	18.757	ug/l	99
83) tert-Butylbenzene	13.207	119	237900	19.255	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	277455	19.038	ug/l	99
85) sec-Butylbenzene	13.383	105	367034	19.327	ug/l	100
86) p-Isopropyltoluene	13.499	119	296911	18.973	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	146400	18.580	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	145358	18.637	ug/l	99
89) n-Butylbenzene	13.822	91	295704	19.302	ug/l	99
90) Hexachloroethane	14.097	117	50066	18.147	ug/l	98
91) 1,2-Dichlorobenzene	13.871	146	131339	18.952	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	9736	18.283	ug/l	93
93) 1,2,4-Trichlorobenzene	15.127	180	89300	19.089	ug/l	98
94) Hexachlorobutadiene	15.231	225	49995	18.891	ug/l	96
95) Naphthalene	15.365	128	165396	19.304	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	75947	18.572	ug/l	99

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

