

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070720\
 Data File : VW015796.D
 Acq On : 07 Jul 2020 17:42
 Operator : SY/VA
 Sample : VW0707SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0707SBS01

Quant Time: Jul 08 09:09:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	213755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	348119	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	160309	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	106734	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
35) Dibromofluoromethane	7.89	113	93412	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	
50) Toluene-d8	10.33	98	362119	46.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.84%	
62) 4-Bromofluorobenzene	12.62	95	137347	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	26185	23.260	ug/l	99
3) Chloromethane	2.21	50	30155	19.724	ug/l	100
4) Vinyl Chloride	2.36	62	51476	21.807	ug/l	99
5) Bromomethane	2.78	94	37420	20.717	ug/l	95
6) Chloroethane	2.93	64	33118	20.789	ug/l	98
7) Trichlorofluoromethane	3.26	101	36476	21.501	ug/l	99
8) Diethyl Ether	3.68	74	22404	21.195	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42817	21.561	ug/l	99
10) Methyl Iodide	4.27	142	58488	21.064	ug/l	100
11) Tert butyl alcohol	5.18	59	20468	176.416	ug/l #	83
12) 1,1-Dichloroethene	4.03	96	41643	21.328	ug/l	97
13) Acrolein	3.89	56	16467	107.842	ug/l	98
14) Allyl chloride	4.67	41	66360	20.911	ug/l	99
15) Acrylonitrile	5.37	53	45771	110.750	ug/l	98
16) Acetone	4.12	43	47128	114.429	ug/l	98
17) Carbon Disulfide	4.38	76	120386	20.727	ug/l	99
18) Methyl Acetate	4.67	43	21010	22.416	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	66574	22.781	ug/l	98
20) Methylene Chloride	4.92	84	62967	27.733	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	47701	21.092	ug/l	94
22) Diisopropyl ether	6.32	45	135803	21.235	ug/l	98
23) Vinyl Acetate	6.26	43	410630	107.953	ug/l	100
24) 1,1-Dichloroethane	6.22	63	84227	20.802	ug/l	99
25) 2-Butanone	7.18	43	62718	112.187	ug/l	100
26) 2,2-Dichloropropane	7.17	77	54130	21.310	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	50449	20.775	ug/l	96
28) Bromochloromethane	7.51	49	35595	22.175	ug/l	99
29) Tetrahydrofuran	7.54	42	38361	113.077	ug/l	99
30) Chloroform	7.68	83	86842	20.981	ug/l	97
31) Cyclohexane	7.96	56	80066	21.011	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	72837	20.986	ug/l	99
36) 1,1-Dichloropropene	8.09	75	69489	20.250	ug/l	99
37) Ethyl Acetate	7.26	43	28787	21.589	ug/l	99
38) Carbon Tetrachloride	8.07	117	66037	19.887	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	83239	20.556	ug/l	99
40) Benzene	8.33	78	190519	20.268	ug/l	99
41) Methacrylonitrile	7.49	41	17543	23.174	ug/l	94
42) 1,2-Dichloroethane	8.40	62	59457	20.323	ug/l	99
43) Isopropyl Acetate	8.43	43	55135	21.184	ug/l	99
44) Trichloroethene	9.10	130	49844	20.047	ug/l	97
45) 1,2-Dichloropropane	9.37	63	47045	20.361	ug/l	98
46) Dibromomethane	9.46	93	24132	20.287	ug/l	99
47) Bromodichloromethane	9.65	83	62407	20.283	ug/l	98
48) Methyl methacrylate	9.44	41	24592	20.617	ug/l	97
49) 1,4-Dioxane	9.45	88	6611	449.522	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	135191	106.444	ug/l	99
52) Toluene	10.39	92	121677	20.115	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	59405	20.123	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	71204	20.163	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	33822	20.504	ug/l	98
56) Ethyl methacrylate	10.65	69	41504	20.466	ug/l	98
57) 1,3-Dichloropropane	10.93	76	60400	20.685	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	100257	101.181	ug/l	99
59) 2-Hexanone	10.97	43	91058	107.433	ug/l	99
60) Dibromochloromethane	11.13	129	38175	20.039	ug/l	100
61) 1,2-Dibromoethane	11.24	107	32254	20.436	ug/l	98
64) Tetrachloroethene	10.87	164	41303	20.541	ug/l	96
65) Chlorobenzene	11.66	112	128420	20.667	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	44540	20.256	ug/l	98
67) Ethyl Benzene	11.73	91	236418	20.546	ug/l	97
68) m/p-Xylenes	11.84	106	180438	41.743	ug/l	99
69) o-Xylene	12.17	106	81925	20.763	ug/l	100
70) Styrene	12.18	104	139685	20.575	ug/l	100
71) Bromoform	12.35	173	20269	20.195	ug/l #	98
73) Isopropylbenzene	12.47	105	229524	20.323	ug/l	99
74) N-amyl acetate	12.27	43	49683	20.562	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	38846	20.701	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	28158m	19.986	ug/l	
77) Bromobenzene	12.75	156	51320	20.266	ug/l	99
78) n-propylbenzene	12.80	91	280320	20.449	ug/l	100
79) 2-Chlorotoluene	12.90	91	157812	20.187	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	200512	20.831	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	10992	20.094	ug/l	95
82) 4-Chlorotoluene	12.99	91	166528	20.399	ug/l	99
83) tert-Butylbenzene	13.21	119	162636	20.352	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	198894	20.691	ug/l	100
85) sec-Butylbenzene	13.38	105	239818	20.780	ug/l	99
86) p-Isopropyltoluene	13.50	119	218075	20.693	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	101299	19.956	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	101470	20.419	ug/l	99
89) n-Butylbenzene	13.82	91	209359	20.759	ug/l	99
90) Hexachloroethane	14.10	117	37753	19.764	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	89471	20.344	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6181	20.615	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	54203	19.549	ug/l	99
94) Hexachlorobutadiene	15.24	225	34100	19.371	ug/l	96
95) Naphthalene	15.37	128	90806	19.359	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	44997	19.072	ug/l	97

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

