

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071620\
 Data File : VW015859.D
 Acq On : 16 Jul 2020 12:36
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 16 18:03:15 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	281329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	439658	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	399017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	193418	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	129509	44.70	ug/l	0.00
Spiked Amount			Recovery	=	89.40%	
35) Dibromofluoromethane	7.88	113	120674	47.05	ug/l	0.00
Spiked Amount			Recovery	=	94.10%	
50) Toluene-d8	10.32	98	472897	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
62) 4-Bromofluorobenzene	12.62	95	173120	47.88	ug/l	0.00
Spiked Amount			Recovery	=	95.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	66603	44.953	ug/l	99
3) Chloromethane	2.21	50	92613	46.027	ug/l	98
4) Vinyl Chloride	2.37	62	151835	48.872	ug/l	99
5) Bromomethane	2.78	94	102054	42.930	ug/l	97
6) Chloroethane	2.93	64	99790	47.594	ug/l	97
7) Trichlorofluoromethane	3.26	101	123688	55.396	ug/l	99
8) Diethyl Ether	3.68	74	67610	48.599	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	135598	51.880	ug/l	100
10) Methyl Iodide	4.26	142	202597	55.439	ug/l	99
11) Tert butyl alcohol	5.20	59	35403	233.837	ug/l	99
12) 1,1-Dichloroethene	4.03	96	138121	53.748	ug/l	95
13) Acrolein	3.90	56	52723	262.347	ug/l	98
14) Allyl chloride	4.67	41	223535	53.519	ug/l	96
15) Acrylonitrile	5.37	53	133480	245.398	ug/l	99
16) Acetone	4.13	43	137417	253.512	ug/l	98
17) Carbon Disulfide	4.37	76	407269	53.277	ug/l	99
18) Methyl Acetate	4.68	43	57916	46.950	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	191255	49.727	ug/l	99
20) Methylene Chloride	4.92	84	170268	62.268	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	154267	51.829	ug/l	99
22) Diisopropyl ether	6.31	45	432905	51.433	ug/l	97
23) Vinyl Acetate	6.26	43	1256122	250.910	ug/l	100
24) 1,1-Dichloroethane	6.21	63	271765	50.998	ug/l	100
25) 2-Butanone	7.18	43	174466	237.117	ug/l	100
26) 2,2-Dichloropropane	7.17	77	181835	54.390	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	163238	51.076	ug/l	99
28) Bromochloromethane	7.51	49	97347	46.079	ug/l	100
29) Tetrahydrofuran	7.54	42	107534	240.841	ug/l	99
30) Chloroform	7.68	83	269807	49.529	ug/l	97
31) Cyclohexane	7.96	56	253107	50.466	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	233039	51.017	ug/l	98
36) 1,1-Dichloropropene	8.09	75	226624	52.290	ug/l	100
37) Ethyl Acetate	7.26	43	80524	47.816	ug/l	98
38) Carbon Tetrachloride	8.07	117	211372	50.402	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	278929	54.541	ug/l	99
40) Benzene	8.32	78	604687	50.934	ug/l	100
41) Methacrylonitrile	7.49	41	47941	50.145	ug/l	96
42) 1,2-Dichloroethane	8.40	62	176053	47.647	ug/l	99
43) Isopropyl Acetate	8.43	43	157051	47.778	ug/l	99
44) Trichloroethene	9.10	130	159932	50.931	ug/l	93
45) 1,2-Dichloropropane	9.37	63	148985	51.055	ug/l	99
46) Dibromomethane	9.46	93	72653	48.360	ug/l	99
47) Bromodichloromethane	9.65	83	197922	50.933	ug/l	99
48) Methyl methacrylate	9.44	41	74092	49.183	ug/l	96
49) 1,4-Dioxane	9.46	88	18841	1014.380	ug/l #	80
51) 4-Methyl-2-Pentanone	10.21	43	386103	240.708	ug/l	99
52) Toluene	10.39	92	393250	51.474	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	191540	51.373	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	230118	51.596	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	101636	48.788	ug/l	98
56) Ethyl methacrylate	10.65	69	131045	51.167	ug/l	97
57) 1,3-Dichloropropane	10.93	76	183439	49.743	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	313020	250.131	ug/l	99
59) 2-Hexanone	10.97	43	268901	251.202	ug/l	97
60) Dibromochloromethane	11.13	129	120004	49.878	ug/l	100
61) 1,2-Dibromoethane	11.24	107	95689	48.005	ug/l	99
64) Tetrachloroethene	10.87	164	132621	52.520	ug/l	93
65) Chlorobenzene	11.66	112	401537	51.458	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	140205	50.773	ug/l	98
67) Ethyl Benzene	11.73	91	764819	52.927	ug/l	98
68) m/p-Xylenes	11.84	106	581159	107.060	ug/l	98
69) o-Xylene	12.17	106	267091	53.903	ug/l	98
70) Styrene	12.18	104	451928	53.007	ug/l	100
71) Bromoform	12.35	173	62443	49.542	ug/l #	96
73) Isopropylbenzene	12.47	105	736757	54.069	ug/l	100
74) N-amyl acetate	12.27	43	146366	50.207	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	113286	50.036	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	83440m	49.086	ug/l	
77) Bromobenzene	12.75	156	160356	52.483	ug/l	96
78) n-propylbenzene	12.80	91	907329	54.859	ug/l	99
79) 2-Chlorotoluene	12.90	91	504264	53.464	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	633253	54.527	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	35861	47.998	ug/l	97
82) 4-Chlorotoluene	12.99	91	524013	53.203	ug/l	99
83) tert-Butylbenzene	13.21	119	534362	55.423	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	619525	53.417	ug/l	100
85) sec-Butylbenzene	13.38	105	756736	54.347	ug/l	100
86) p-Isopropyltoluene	13.50	119	682798	53.700	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	321173	52.440	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	309497	51.620	ug/l	99
89) n-Butylbenzene	13.82	91	676281	55.579	ug/l	99
90) Hexachloroethane	14.10	117	124068	53.834	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	276823	52.170	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17947	49.611	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	183293	54.792	ug/l	98
94) Hexachlorobutadiene	15.24	225	107872	50.788	ug/l	97
95) Naphthalene	15.37	128	313510	50.164	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	157901	55.471	ug/l	98

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

