

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070720\
 Data File : VW015800.D
 Acq On : 07 Jul 2020 19:15
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 08 09:15:25 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	208559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	335105	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	165468	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	105763	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
35) Dibromofluoromethane	7.89	113	93695	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
50) Toluene-d8	10.32	98	362707	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
62) 4-Bromofluorobenzene	12.62	95	139023	50.45	ug/l	0.00
Spiked Amount			Recovery	=	100.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	52913	48.174	ug/l	94
3) Chloromethane	2.21	50	63097	42.299	ug/l	100
4) Vinyl Chloride	2.37	62	107871	46.836	ug/l	98
5) Bromomethane	2.78	94	79540	45.134	ug/l	97
6) Chloroethane	2.93	64	73392	47.217	ug/l	99
7) Trichlorofluoromethane	3.26	101	83376	50.371	ug/l	100
8) Diethyl Ether	3.68	74	50493	48.959	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	95477	49.275	ug/l	99
10) Methyl Iodide	4.28	142	136007	50.203	ug/l	99
11) Tert butyl alcohol	5.17	59	32977	295.435	ug/l	99
12) 1,1-Dichloroethene	4.04	96	92735	48.678	ug/l	97
13) Acrolein	3.89	56	35155	235.965	ug/l	96
14) Allyl chloride	4.67	41	157206	50.771	ug/l	99
15) Acrylonitrile	5.37	53	108438	268.919	ug/l	100
16) Acetone	4.13	43	101337	252.180	ug/l	97
17) Carbon Disulfide	4.39	76	273210	48.210	ug/l	100
18) Methyl Acetate	4.67	43	47781	52.249	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	152702	53.556	ug/l	96
20) Methylene Chloride	4.92	84	113730	55.608	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	108521	49.181	ug/l	99
22) Diisopropyl ether	6.32	45	322562	51.695	ug/l	98
23) Vinyl Acetate	6.26	43	989091	266.506	ug/l	100
24) 1,1-Dichloroethane	6.22	63	193985	49.103	ug/l	99
25) 2-Butanone	7.18	43	144215	264.392	ug/l	99
26) 2,2-Dichloropropane	7.17	77	117745	47.508	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	119896	50.604	ug/l	100
28) Bromochloromethane	7.52	49	75695	48.332	ug/l	98
29) Tetrahydrofuran	7.54	42	91999	277.941	ug/l	100
30) Chloroform	7.68	83	197671	48.948	ug/l	99
31) Cyclohexane	7.96	56	174841	47.025	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	166752	49.243	ug/l	99
36) 1,1-Dichloropropene	8.09	75	158972	48.125	ug/l	100
37) Ethyl Acetate	7.26	43	65719	51.201	ug/l	98
38) Carbon Tetrachloride	8.07	117	152821	47.810	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	195154	50.066	ug/l	100
40) Benzene	8.32	78	439004	48.515	ug/l	100
41) Methacrylonitrile	7.49	41	37905	52.017	ug/l	99
42) 1,2-Dichloroethane	8.40	62	140033	49.723	ug/l	100
43) Isopropyl Acetate	8.43	43	130736	52.181	ug/l	99
44) Trichloroethene	9.09	130	115067	48.077	ug/l	95
45) 1,2-Dichloropropane	9.37	63	110650	49.749	ug/l	99
46) Dibromomethane	9.46	93	57434	50.157	ug/l	98
47) Bromodichloromethane	9.65	83	149371	50.432	ug/l	99
48) Methyl methacrylate	9.44	41	60568	52.749	ug/l	98
49) 1,4-Dioxane	9.45	88	16473	1163.599	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	328239	268.480	ug/l	99
52) Toluene	10.39	92	287430	49.361	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	148653	52.309	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	172925	50.870	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	80135	50.468	ug/l	97
56) Ethyl methacrylate	10.65	69	106280	54.444	ug/l	98
57) 1,3-Dichloropropane	10.93	76	143324	50.991	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	244633	256.475	ug/l	99
59) 2-Hexanone	10.97	43	227104	278.349	ug/l	99
60) Dibromochloromethane	11.13	129	95603	52.134	ug/l	98
61) 1,2-Dibromoethane	11.24	107	77943	51.302	ug/l	97
64) Tetrachloroethene	10.87	164	95858	48.405	ug/l	96
65) Chlorobenzene	11.66	112	304423	49.745	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	108764	50.223	ug/l	99
67) Ethyl Benzene	11.73	91	572836	50.547	ug/l	97
68) m/p-Xylenes	11.84	106	437497	102.768	ug/l	100
69) o-Xylene	12.17	106	200982	51.720	ug/l	99
70) Styrene	12.18	104	358407	53.603	ug/l	99
71) Bromoform	12.35	173	53124	53.743	ug/l #	97
73) Isopropylbenzene	12.46	105	570061	48.902	ug/l	99
74) N-amyl acetate	12.27	43	130394	52.284	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	95270	49.186	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	69811m	48.005	ug/l	
77) Bromobenzene	12.75	156	123031	47.069	ug/l	99
78) n-propylbenzene	12.80	91	688756	48.678	ug/l	100
79) 2-Chlorotoluene	12.90	91	389944	48.327	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	488329	49.151	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	28849	45.357	ug/l	98
82) 4-Chlorotoluene	12.99	91	405437	48.117	ug/l	99
83) tert-Butylbenzene	13.21	119	402236	48.766	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	492787	49.666	ug/l	99
85) sec-Butylbenzene	13.38	105	591624	49.666	ug/l	100
86) p-Isopropyltoluene	13.50	119	535813	49.258	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	254717	48.614	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	251220	48.977	ug/l	99
89) n-Butylbenzene	13.82	91	517728	49.736	ug/l	99
90) Hexachloroethane	14.10	117	96237	48.811	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	224271	49.406	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15937	51.496	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	150745	52.674	ug/l	99
94) Hexachlorobutadiene	15.24	225	85739	47.186	ug/l	99
95) Naphthalene	15.37	128	266460	49.856	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	128646	52.828	ug/l	98

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

