

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070720\
 Data File : VW015792.D
 Acq On : 07 Jul 2020 13:04
 Operator : SY/VA
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Quant Time: Jul 08 08:19:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 07:52:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	228502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	358474	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	334645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159643	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	317759	134.82	ug/l	0.00
Spiked Amount			Recovery	=	269.64%	
35) Dibromofluoromethane	7.89	113	286608	137.59	ug/l	0.00
Spiked Amount			Recovery	=	275.18%	
50) Toluene-d8	10.32	98	1140362	141.26	ug/l	0.00
Spiked Amount			Recovery	=	282.52%	
62) 4-Bromofluorobenzene	12.62	95	423616	142.97	ug/l	0.00
Spiked Amount			Recovery	=	285.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	175955	143.318	ug/l	97
3) Chloromethane	2.21	50	221864	135.315	ug/l	98
4) Vinyl Chloride	2.37	62	334919	131.996	ug/l	99
5) Bromomethane	2.78	94	252846	128.148	ug/l	95
6) Chloroethane	2.92	64	230527	134.220	ug/l	100
7) Trichlorofluoromethane	3.26	101	251929	138.936	ug/l	99
8) Diethyl Ether	3.68	74	155896	136.798	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	290092	134.617	ug/l	99
10) Methyl Iodide	4.28	142	416437	140.759	ug/l	100
11) Tert butyl alcohol	5.20	59	91710	809.170	ug/l	99
12) 1,1-Dichloroethene	4.04	96	291238	138.719	ug/l	98
13) Acrolein	3.89	56	109542	672.599	ug/l	99
14) Allyl chloride	4.67	41	493247	144.778	ug/l	98
15) Acrylonitrile	5.37	53	332373	756.354	ug/l	99
16) Acetone	4.13	43	301829	691.631	ug/l	99
17) Carbon Disulfide	4.38	76	877251	140.476	ug/l	99
18) Methyl Acetate	4.67	43	146788	148.239	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	440667	141.772	ug/l	99
20) Methylene Chloride	4.92	84	309878	117.931	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	345225	142.839	ug/l	95
22) Diisopropyl ether	6.32	45	990416	144.654	ug/l	98
23) Vinyl Acetate	6.26	43	3127827	772.497	ug/l	99
24) 1,1-Dichloroethane	6.22	63	608293	140.200	ug/l	99
25) 2-Butanone	7.18	43	441491	743.394	ug/l	100
26) 2,2-Dichloropropane	7.17	77	358965	132.443	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	375016	143.817	ug/l	100
28) Bromochloromethane	7.51	49	221991	128.698	ug/l	99
29) Tetrahydrofuran	7.54	42	285398	795.315	ug/l	99
30) Chloroform	7.68	83	615332	138.903	ug/l	100
31) Cyclohexane	7.96	56	542518	132.349	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	520620	140.385	ug/l	99
36) 1,1-Dichloropropene	8.09	75	499973	141.435	ug/l	99
37) Ethyl Acetate	7.26	43	206352	154.990	ug/l	99
38) Carbon Tetrachloride	8.07	117	490785	144.422	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	624925	149.429	ug/l	99
40) Benzene	8.32	78	1378491	142.675	ug/l	99
41) Methacrylonitrile	7.49	41	119789	155.815	ug/l	99
42) 1,2-Dichloroethane	8.40	62	418705	139.910	ug/l	99
43) Isopropyl Acetate	8.43	43	408460	154.199	ug/l	99
44) Trichloroethene	9.10	130	366197	143.295	ug/l	99
45) 1,2-Dichloropropane	9.37	63	337690	142.590	ug/l	99
46) Dibromomethane	9.46	93	177867	145.610	ug/l	100
47) Bromodichloromethane	9.65	83	472720	149.196	ug/l	99
48) Methyl methacrylate	9.44	41	197849	158.261	ug/l	98
49) 1,4-Dioxane	9.46	88	48241	3115.283	ug/l #	79
51) 4-Methyl-2-Pentanone	10.21	43	1018166	785.950	ug/l	99
52) Toluene	10.39	92	907460	146.990	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	482436	159.079	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	563704	155.426	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	249794	147.043	ug/l	99
56) Ethyl methacrylate	10.65	69	344824	165.863	ug/l	98
57) 1,3-Dichloropropane	10.93	76	441459	147.508	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	784899	786.561	ug/l	99
59) 2-Hexanone	10.97	43	693505	799.403	ug/l	97
60) Dibromochloromethane	11.13	129	302164	153.743	ug/l	100
61) 1,2-Dibromoethane	11.24	107	242939	150.727	ug/l	97
64) Tetrachloroethene	10.87	164	301942	142.458	ug/l	93
65) Chlorobenzene	11.66	112	936443	142.585	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	342289	147.478	ug/l	99
67) Ethyl Benzene	11.73	91	1767010	145.488	ug/l	99
68) m/p-Xylenes	11.84	106	1327671	291.310	ug/l	99
69) o-Xylene	12.17	106	620774	149.511	ug/l	99
70) Styrene	12.18	104	1091350	152.676	ug/l	99
71) Bromoform	12.35	173	171206	162.030	ug/l #	97
73) Isopropylbenzene	12.46	105	1741939	154.728	ug/l	100
74) N-amyl acetate	12.27	43	392772	164.558	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	282954	151.980	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	202859m	136.322	ug/l	
77) Bromobenzene	12.75	156	376600	150.046	ug/l	98
78) n-propylbenzene	12.80	91	2045463	149.299	ug/l	99
79) 2-Chlorotoluene	12.90	91	1154210	148.084	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1445411	150.730	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	98359	180.373	ug/l	94
82) 4-Chlorotoluene	12.99	91	1202951	147.652	ug/l	100
83) tert-Butylbenzene	13.21	119	1217116	152.447	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1421824	148.723	ug/l	99
85) sec-Butylbenzene	13.38	105	1727166	150.242	ug/l	99
86) p-Isopropyltoluene	13.50	119	1597483	152.481	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	739673	145.617	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	698113	141.245	ug/l	99
89) n-Butylbenzene	13.82	91	1516125	150.653	ug/l	99
90) Hexachloroethane	14.10	117	290683	151.934	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	626515	143.288	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	47030	158.311	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	427833	155.299	ug/l	98
94) Hexachlorobutadiene	15.24	225	260517	148.942	ug/l	97
95) Naphthalene	15.36	128	800750	174.317	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	370716	159.313	ug/l	99

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

