

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051619\
 Data File : VW010414.D
 Acq On : 16 May 2019 20:55
 Operator : SY/VA
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: May 17 08:59:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 08:39:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	971350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1712795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1590157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	748170	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	1455413	140.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	280.54%	
35) Dibromofluoromethane	7.88	113	1424500	140.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	281.64%	
50) Toluene-d8	10.32	98	5469906	134.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	269.30%	
62) 4-Bromofluorobenzene	12.62	95	2135700	146.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	292.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	820850	108.467	ug/l	98
3) Chloromethane	2.22	50	1222815	127.076	ug/l	100
4) Vinyl Chloride	2.37	62	1450168	120.165	ug/l	99
5) Bromomethane	2.76	94	1016585	142.981	ug/l	97
6) Chloroethane	2.91	64	941776	134.784	ug/l	99
7) Trichlorofluoromethane	3.25	101	937424	152.491	ug/l	98
8) Diethyl Ether	3.67	74	714801	132.530	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.04	101	1234869	123.740	ug/l	100
10) Methyl Iodide	4.26	142	2075112	143.883	ug/l	98
11) Tert butyl alcohol	5.18	59	580827	771.917	ug/l	97
12) 1,1-Dichloroethene	4.03	96	1338285	128.331	ug/l	98
13) Acrolein	3.88	56	316250	362.368	ug/l	96
14) Allyl chloride	4.65	41	1655669	109.149	ug/l	99
15) Acrylonitrile	5.36	53	1663582	572.435	ug/l	99
16) Acetone	4.12	43	1346761	530.619	ug/l	100
17) Carbon Disulfide	4.37	76	3546501	114.439	ug/l	99
18) Methyl Acetate	4.66	43	890728	136.796	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	1832945	143.996	ug/l	99
20) Methylene Chloride	4.91	84	1382263	124.061	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	1477581	130.981	ug/l	98
22) Diisopropyl ether	6.31	45	4267963	140.589	ug/l	97
23) Vinyl Acetate	6.25	43	14923739	715.419	ug/l	100
24) 1,1-Dichloroethane	6.21	63	2564801	126.360	ug/l	99
25) 2-Butanone	7.17	43	2592153	645.396	ug/l	100
26) 2,2-Dichloropropane	7.16	77	1181971	117.098	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	1716465	145.315	ug/l	100
28) Bromochloromethane	7.51	49	1202718	155.052	ug/l	98
29) Tetrahydrofuran	7.52	42	1724336	660.563	ug/l	99
30) Chloroform	7.67	83	2679146	138.701	ug/l	99
31) Cyclohexane	7.95	56	2196307	107.193	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	1994070	133.286	ug/l	100
36) 1,1-Dichloropropene	8.07	75	2000530	111.440	ug/l	99
37) Ethyl Acetate	7.25	43	1124335	117.543	ug/l	100
38) Carbon Tetrachloride	8.06	117	2043835	129.090	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	2608131	118.177	ug/l	98
40) Benzene	8.32	78	5950035	119.712	ug/l	100
41) Methacrylonitrile	7.48	41	681816	126.838	ug/l	99
42) 1,2-Dichloroethane	8.40	62	1782483	124.528	ug/l	100
43) Isopropyl Acetate	8.42	43	2263484	138.535	ug/l	99
44) Trichloroethene	9.09	130	1679508	132.281	ug/l	100
45) 1,2-Dichloropropane	9.37	63	1496187	120.882	ug/l	98
46) Dibromomethane	9.46	93	877771	134.615	ug/l	100
47) Bromodichloromethane	9.64	83	2161438	137.559	ug/l	99
48) Methyl methacrylate	9.43	41	1040986	136.791	ug/l	99
49) 1,4-Dioxane	9.45	88	313048	2767.929	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	5977781	652.553	ug/l	99
52) Toluene	10.38	92	3992945	129.981	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	2315101	145.460	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	2571593	137.370	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	1280841	137.611	ug/l	99
56) Ethyl methacrylate	10.65	69	1881061	152.493	ug/l	99
57) 1,3-Dichloropropane	10.93	76	2145815	130.828	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	4368944	738.759	ug/l	99
59) 2-Hexanone	10.97	43	4261881	658.935	ug/l	99
60) Dibromochloromethane	11.13	129	1611113	157.147	ug/l	99
61) 1,2-Dibromoethane	11.23	107	1295694	144.200	ug/l	100
64) Tetrachloroethene	10.86	164	1434761	130.080	ug/l	99
65) Chlorobenzene	11.66	112	4346911	132.300	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	1606457	142.824	ug/l	99
67) Ethyl Benzene	11.73	91	7581101	127.242	ug/l	100
68) m/p-Xylenes	11.84	106	5966730	267.167	ug/l	99
69) o-Xylene	12.16	106	2931224	143.698	ug/l	98
70) Styrene	12.18	104	5165859	145.557	ug/l	98
71) Bromoform	12.35	173	975045	149.839	ug/l	99
73) Isopropylbenzene	12.46	105	7603072	140.201	ug/l	99
74) N-amyl acetate	12.27	43	2429141	169.578	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	1570688	131.939	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	1101365m	128.643	ug/l	
77) Bromobenzene	12.75	156	1784511	143.568	ug/l	97
78) n-propylbenzene	12.80	91	8746220	131.815	ug/l	100
79) 2-Chlorotoluene	12.90	91	5240832	137.232	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	6446824	140.595	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	593632	153.204	ug/l	98
82) 4-Chlorotoluene	12.99	91	5563311	139.169	ug/l	99
83) tert-Butylbenzene	13.21	119	5407169	140.856	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	6468253	141.669	ug/l	99
85) sec-Butylbenzene	13.39	105	7584396	135.037	ug/l	100
86) p-Isopropyltoluene	13.50	119	6914034	138.356	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	3401002	138.268	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	3370357	137.419	ug/l	99
89) n-Butylbenzene	13.83	91	6676444	134.221	ug/l	99
90) Hexachloroethane	14.10	117	1384245	145.974	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	3120663	142.185	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	286322	132.137	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	2173925	145.766	ug/l	98
94) Hexachlorobutadiene	15.24	225	1096288	118.406	ug/l	99
95) Naphthalene	15.37	128	4989485	160.700	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	1958601	144.952	ug/l	99

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

