

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041520\
 Data File : VW015201.D
 Acq On : 15 Apr 2020 14:07
 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: Apr 15 14:34:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 14:23:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	600763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1072392	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	964908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	435891	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	854021	152.00	ug/l	0.00
Spiked Amount			Recovery	=	304.00%	
35) Dibromofluoromethane	7.88	113	853179	140.55	ug/l	0.00
Spiked Amount			Recovery	=	281.10%	
50) Toluene-d8	10.32	98	3549541	144.21	ug/l	0.00
Spiked Amount			Recovery	=	288.42%	
62) 4-Bromofluorobenzene	12.62	95	1277552	149.76	ug/l	0.00
Spiked Amount			Recovery	=	299.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	573859	169.265	ug/l	95
3) Chloromethane	2.22	50	848763	162.100	ug/l	98
4) Vinyl Chloride	2.36	62	1002947	160.280	ug/l	100
5) Bromomethane	2.75	94	512848	152.863	ug/l	98
6) Chloroethane	2.92	64	483474	155.443	ug/l	99
7) Trichlorofluoromethane	3.26	101	680082	173.156	ug/l	100
8) Diethyl Ether	3.68	74	469586	149.948	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	897137	141.925	ug/l	100
10) Methyl Iodide	4.27	142	1375462	149.258	ug/l	99
11) Tert butyl alcohol	5.16	59	298359	754.788	ug/l	98
12) 1,1-Dichloroethene	4.04	96	946289	148.007	ug/l	100
13) Acrolein	3.89	56	319058	733.188	ug/l	99
14) Allyl chloride	4.67	41	1438414	152.735	ug/l	99
15) Acrylonitrile	5.36	53	991693	756.642	ug/l	99
16) Acetone	4.12	43	724182	694.786	ug/l	99
17) Carbon Disulfide	4.38	76	2925519	151.480	ug/l	99
18) Methyl Acetate	4.67	43	476110	149.601	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	1198787	142.839	ug/l	100
20) Methylene Chloride	4.91	84	944786	129.965	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	1006355	148.597	ug/l	95
22) Diisopropyl ether	6.31	45	2910511	154.877	ug/l	98
23) Vinyl Acetate	6.25	43	8559190	785.875	ug/l	99
24) 1,1-Dichloroethane	6.21	63	1710626	151.515	ug/l	100
25) 2-Butanone	7.17	43	1239287	759.847	ug/l	99
26) 2,2-Dichloropropane	7.17	77	1053100	138.189	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	1075393	148.414	ug/l	99
28) Bromochloromethane	7.51	49	726925	157.849	ug/l	98
29) Tetrahydrofuran	7.52	42	822340	769.063	ug/l	98
30) Chloroform	7.68	83	1643558	149.066	ug/l	99
31) Cyclohexane	7.95	56	1675922	136.753	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	1359093	146.362	ug/l	99
36) 1,1-Dichloropropene	8.08	75	1375030	139.405	ug/l	99
37) Ethyl Acetate	7.25	43	561087	137.720	ug/l	99
38) Carbon Tetrachloride	8.07	117	1251572	137.786	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	1863647	139.609	ug/l	98
40) Benzene	8.32	78	3959473	142.723	ug/l	97
41) Methacrylonitrile	7.48	41	317327	136.017	ug/l	94
42) 1,2-Dichloroethane	8.40	62	1021467	145.017	ug/l	100
43) Isopropyl Acetate	8.42	43	1159011	146.943	ug/l	99
44) Trichloroethene	9.09	130	1016076	137.516	ug/l	95
45) 1,2-Dichloropropane	9.37	63	989278	144.760	ug/l	99
46) Dibromomethane	9.46	93	489550	143.757	ug/l	99
47) Bromodichloromethane	9.64	83	1282307	144.616	ug/l	100
48) Methyl methacrylate	9.43	41	562464	153.489	ug/l	99
49) 1,4-Dioxane	9.44	88	148972	2772.344	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	2926307	697.197	ug/l	100
52) Toluene	10.38	92	2556396	143.835	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	1347756	149.940	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	1605354	148.359	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	696686	143.544	ug/l	97
56) Ethyl methacrylate	10.65	69	1005266	153.430	ug/l	99
57) 1,3-Dichloropropane	10.93	76	1239246	146.050	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	2469709	743.854	ug/l	99
59) 2-Hexanone	10.96	43	1970581	751.478	ug/l	99
60) Dibromochloromethane	11.13	129	838816	145.690	ug/l	99
61) 1,2-Dibromoethane	11.23	107	676802	145.138	ug/l	99
64) Tetrachloroethene	10.86	164	779035	133.218	ug/l	97
65) Chlorobenzene	11.66	112	2592837	139.189	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	889719	138.666	ug/l	99
67) Ethyl Benzene	11.73	91	4873159	137.487	ug/l	99
68) m/p-Xylenes	11.83	106	3653115	272.024	ug/l	98
69) o-Xylene	12.16	106	1752549	138.937	ug/l	100
70) Styrene	12.18	104	2987207	141.401	ug/l	98
71) Bromoform	12.35	173	460172	144.600	ug/l	98
73) Isopropylbenzene	12.46	105	4746089	141.641	ug/l	99
74) N-amyl acetate	12.27	43	1201656	161.251	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	815007	146.055	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	512967m	131.266	ug/l	
77) Bromobenzene	12.74	156	964703	137.835	ug/l	96
78) n-propylbenzene	12.80	91	5718747	141.401	ug/l	100
79) 2-Chlorotoluene	12.89	91	3233991	144.912	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	3993144	141.568	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	304252	157.090	ug/l	99
82) 4-Chlorotoluene	12.99	91	3413959	145.929	ug/l	97
83) tert-Butylbenzene	13.21	119	3427782	139.925	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	3952353	141.556	ug/l	99
85) sec-Butylbenzene	13.38	105	4917490	141.364	ug/l	99
86) p-Isopropyltoluene	13.50	119	4318324	138.768	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	1894970	136.789	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	1900500	138.058	ug/l	99
89) n-Butylbenzene	13.82	91	4405981	144.307	ug/l	100
90) Hexachloroethane	14.09	117	853841	142.988	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	1692896	136.391	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	126749	142.072	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	1127693	137.791	ug/l	99
94) Hexachlorobutadiene	15.24	225	636404	134.165	ug/l	99
95) Naphthalene	15.36	128	2291164	147.202	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	974314	138.789	ug/l	99

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

