

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006808.D
 Acq On : 12 Nov 2018 14:32
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 11/13/2018 11:53:47 AM

Quant Time: Nov 12 14:56:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:08:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	338014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	456603	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	439445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	241604	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	355866	143.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	287.30%	
35) Dibromofluoromethane	7.88	113	397585	152.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.96%	
50) Toluene-d8	10.33	98	1577980	144.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.54%	
62) 4-Bromofluorobenzene	12.62	95	595040	149.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	400808	145.842	ug/l	99
3) Chloromethane	2.21	50	462723	140.249	ug/l	99
4) Vinyl Chloride	2.36	62	492596	142.017	ug/l	100
5) Bromomethane	2.77	94	279208	119.409	ug/l	99
6) Chloroethane	2.91	64	309939	136.540	ug/l	100
7) Trichlorofluoromethane	3.26	101	693450	159.116	ug/l	98
8) Diethyl Ether	3.69	74	210220	165.809	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	441541	152.477	ug/l	99
10) Methyl Iodide	4.27	142	668089	166.065	ug/l	100
11) Tert butyl alcohol	5.22	59	138542	849.708	ug/l	99
12) 1,1-Dichloroethene	4.04	96	408994	169.380	ug/l	98
13) Acrolein	3.90	56	129162	760.626	ug/l	99
14) Allyl chloride	4.67	41	550265	169.050	ug/l	99
15) Acrylonitrile	5.38	53	416303	820.329	ug/l	99
16) Acetone	4.14	43	287100	800.635	ug/l	97
17) Carbon Disulfide	4.38	76	1313447	164.898	ug/l	99
18) Methyl Acetate	4.68	43	196657	156.280	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	980755	165.830	ug/l	99
20) Methylene Chloride	4.92	84	454553	131.121	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	473404	163.907	ug/l	98
22) Diisopropyl ether	6.32	45	1145017	166.918	ug/l	99
23) Vinyl Acetate	6.26	43	3273430	836.693	ug/l	98
24) 1,1-Dichloroethane	6.22	63	743508	165.686	ug/l	99
25) 2-Butanone	7.18	43	475971	803.909	ug/l	100
26) 2,2-Dichloropropane	7.17	77	669606	156.616	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	522316	168.774	ug/l	99
28) Bromochloromethane	7.52	49	249206	148.268	ug/l	100
29) Tetrahydrofuran	7.54	42	322355	830.686	ug/l	98
30) Chloroform	7.68	83	806468	162.193	ug/l	100
31) Cyclohexane	7.96	56	653048	141.304	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	721054	152.798	ug/l	99
36) 1,1-Dichloropropene	8.09	75	614467	148.304	ug/l	100
37) Ethyl Acetate	7.26	43	218217	148.305	ug/l	99
38) Carbon Tetrachloride	8.07	117	662224	149.593	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	858001	162.645	ug/l	97
40) Benzene	8.33	78	1788934	152.904	ug/l	100
41) Methacrylonitrile	7.49	41	131906	154.521	ug/l	95
42) 1,2-Dichloroethane	8.40	62	480829	150.982	ug/l	99
43) Isopropyl Acetate	8.43	43	456817	165.610	ug/l	99
44) Trichloroethene	9.10	130	549924	152.873	ug/l	99
45) 1,2-Dichloropropane	9.37	63	410593	149.426	ug/l	97
46) Dibromomethane	9.46	93	239894	155.501	ug/l	100
47) Bromodichloromethane	9.65	83	576711	154.057	ug/l	100
48) Methyl methacrylate	9.44	41	215962	166.239	ug/l	98
49) 1,4-Dioxane	9.48	88	69404	3005.016	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	1116251	787.660	ug/l	99
52) Toluene	10.39	92	1291638	157.026	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	614180	169.199	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	702822	163.305	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	356507	156.866	ug/l	99
56) Ethyl methacrylate	10.65	69	433187	172.609	ug/l	98
57) 1,3-Dichloropropane	10.93	76	563369	155.065	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	1013284	810.740	ug/l	100
59) 2-Hexanone	10.98	43	765645	797.191	ug/l	98
60) Dibromochloromethane	11.13	129	456020	166.929	ug/l	99
61) 1,2-Dibromoethane	11.24	107	346454	158.448	ug/l	99
64) Tetrachloroethene	10.87	164	523970	156.141	ug/l	99
65) Chlorobenzene	11.66	112	1481087	158.340	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	511421	170.674	ug/l	100
67) Ethyl Benzene	11.73	91	2576349	163.726	ug/l	98
68) m/p-Xylenes	11.84	106	2113983	329.360	ug/l	99
69) o-Xylene	12.17	106	997008	168.726	ug/l	99
70) Styrene	12.18	104	1632086	169.928	ug/l	99
71) Bromoform	12.35	173	299235	180.278	ug/l #	100
73) Isopropylbenzene	12.47	105	2707461	174.171	ug/l	100
74) N-amyl acetate	12.28	43	439193	173.336	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	378131	163.276	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	275648m	156.449	ug/l	
77) Bromobenzene	12.75	156	664292	165.270	ug/l	99
78) n-propylbenzene	12.81	91	3129785	169.448	ug/l	100
79) 2-Chlorotoluene	12.90	91	1745451	167.749	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	2267019	168.317	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	127693	192.696	ug/l	95
82) 4-Chlorotoluene	12.99	91	1835643	165.066	ug/l	99
83) tert-Butylbenzene	13.21	119	2033634	174.740	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	2289773	165.932	ug/l	100
85) sec-Butylbenzene	13.39	105	2813759	168.927	ug/l	99
86) p-Isopropyltoluene	13.51	119	2576491	169.582	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	1301242	159.350	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	1271084	156.285	ug/l	100
89) n-Butylbenzene	13.83	91	2324343	165.756	ug/l	99
90) Hexachloroethane	14.10	117	430882	180.773	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	1117167	156.385	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	61263	163.823	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	867961	164.128	ug/l	99
94) Hexachlorobutadiene	15.24	225	524621	157.632	ug/l	99
95) Naphthalene	15.38	128	1448437	179.003	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	752242	164.440	ug/l	100

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

