

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070218\
 Data File : VW003685.D
 Acq On : 02 Jul 2018 19:08
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 7/3/2018 10:16:46 AM

Quant Time: Jul 03 02:54:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 02:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	258524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	407275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	376131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	192579	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	471153	164.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	329.70%	
35) Dibromofluoromethane	7.88	113	411192	159.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	319.82%	
50) Toluene-d8	10.33	98	1643931	161.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	323.12%	
62) 4-Bromofluorobenzene	12.62	95	590453	163.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	326.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	225882	260.61	ug/l	99
3) Chloromethane	2.21	50	304860	151.33	ug/l	99
4) Vinyl Chloride	2.36	62	420144	144.23	ug/l	99
5) Bromomethane	2.77	94	282656	146.93	ug/l	96
6) Chloroethane	2.91	64	265851	134.17	ug/l	99
7) Trichlorofluoromethane	3.24	101	209600	123.52	ug/l	96
8) Diethyl Ether	3.67	74	209614	162.46	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	374014	153.96	ug/l	100
10) Methyl Iodide	4.26	142	576428	157.28	ug/l	99
11) Tert butyl alcohol	5.21	59	150059	966.73	ug/l	100
12) 1,1-Dichloroethene	4.03	96	378646	158.40	ug/l	97
13) Acrolein	3.89	56	41122	216.14	ug/l	100
14) Allyl chloride	4.65	41	675065	163.97	ug/l	98
15) Acrylonitrile	5.37	53	518546	959.02	ug/l	100
16) Acetone	4.13	43	515224	847.09	ug/l	99
17) Carbon Disulfide	4.37	76	1210288	169.25	ug/l	100
18) Methyl Acetate	4.67	43	244573	172.97	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	776055	173.14	ug/l	99
20) Methylene Chloride	4.91	84	400484	135.53	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	425919	163.25	ug/l	99
22) Diisopropyl ether	6.31	45	1355874	163.08	ug/l	98
23) Vinyl Acetate	6.26	43	4566236	939.77	ug/l	100
24) 1,1-Dichloroethane	6.21	63	789718	160.02	ug/l	99
25) 2-Butanone	7.18	43	754920	990.17	ug/l	100
26) 2,2-Dichloropropane	7.17	77	438096	135.46	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	463316	163.20	ug/l	98
28) Bromochloromethane	7.51	49	336088	164.04	ug/l	100
29) Tetrahydrofuran	7.53	42	479034	1024.21	ug/l	100
30) Chloroform	7.68	83	783150	156.36	ug/l	96
31) Cyclohexane	7.95	56	721049	155.89	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	614789	149.99	ug/l	99
36) 1,1-Dichloropropene	8.08	75	639399	159.59	ug/l	100
37) Ethyl Acetate	7.26	43	331761	195.33	ug/l	99
38) Carbon Tetrachloride	8.07	117	606285	155.58	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	782389	168.27	ug/l	99
40) Benzene	8.32	78	1780898	161.19	ug/l	99
41) Methacrylonitrile	7.49	41	195601	190.10	ug/l	98
42) 1,2-Dichloroethane	8.40	62	549579	158.96	ug/l	99
43) Isopropyl Acetate	8.43	43	635980	190.69	ug/l	98
44) Trichloroethene	9.09	130	459971	158.50	ug/l	100
45) 1,2-Dichloropropane	9.37	63	458144	162.91	ug/l	99
46) Dibromomethane	9.46	93	240534	166.37	ug/l	100
47) Bromodichloromethane	9.65	83	596388	161.83	ug/l	100
48) Methyl methacrylate	9.44	41	312502	198.74	ug/l	99
49) 1,4-Dioxane	9.47	88	80319	3671.83	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	1667416	974.74	ug/l	99
52) Toluene	10.39	92	1122430	158.73	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	651616	172.64	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	731976	170.15	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	335647	164.83	ug/l	99
56) Ethyl methacrylate	10.65	69	487877	195.99	ug/l	99
57) 1,3-Dichloropropane	10.93	76	595619	169.22	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	924612	842.49	ug/l	99
59) 2-Hexanone	10.98	43	1191928	995.34	ug/l	100
60) Dibromochloromethane	11.13	129	408172	169.56	ug/l	99
61) 1,2-Dibromoethane	11.24	107	332865	172.76	ug/l	100
64) Tetrachloroethene	10.87	164	404617	159.51	ug/l	97
65) Chlorobenzene	11.66	112	1223038	154.79	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	435114	156.95	ug/l	99
67) Ethyl Benzene	11.74	91	2239223	159.74	ug/l	99
68) m/p-Xylenes	11.85	106	1679165	315.07	ug/l	100
69) o-Xylene	12.17	106	801026	162.75	ug/l	98
70) Styrene	12.19	104	1352090	164.23	ug/l	99
71) Bromoform	12.35	173	252573	174.53	ug/l	99
73) Isopropylbenzene	12.47	105	2172390	161.54	ug/l	100
74) N-amyl acetate	12.28	43	614914	196.28	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	409000	176.16	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	280179m	167.97	ug/l	
77) Bromobenzene	12.76	156	496306	157.78	ug/l	98
78) n-propylbenzene	12.81	91	2628637	159.17	ug/l	100
79) 2-Chlorotoluene	12.90	91	1478449	158.41	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1796153	158.97	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	142112	193.55	ug/l	97
82) 4-Chlorotoluene	12.99	91	1542317	155.86	ug/l	100
83) tert-Butylbenzene	13.21	119	1532050	159.28	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1843546	158.26	ug/l	100
85) sec-Butylbenzene	13.39	105	2215723	154.84	ug/l	100
86) p-Isopropyltoluene	13.51	119	1989364	157.97	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	981701	152.41	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	963144	150.31	ug/l	99
89) n-Butylbenzene	13.83	91	1944538	158.06	ug/l	100
90) Hexachloroethane	14.10	117	361068	158.26	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	875679	154.90	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	72930	186.40	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	637629	160.56	ug/l	99
94) Hexachlorobutadiene	15.25	225	354060	149.39	ug/l	99
95) Naphthalene	15.38	128	1279213	187.59	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	567073	161.88	ug/l	100

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

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