

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070318\
 Data File : VW003688.D
 Acq On : 03 Jul 2018 10:16
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 7/5/2018 11:11:55 AM

Quant Time: Jul 03 13:22:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 08:55:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	273853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	417999	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	388527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	204937	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	158918	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
35) Dibromofluoromethane	7.88	113	138612	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
50) Toluene-d8	10.33	98	564972	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
62) 4-Bromofluorobenzene	12.62	95	201532	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	90217	59.764	ug/l	99
3) Chloromethane	2.21	50	119979	55.000	ug/l	99
4) Vinyl Chloride	2.36	62	149730	50.307	ug/l	99
5) Bromomethane	2.78	94	102176	52.359	ug/l	95
6) Chloroethane	2.92	64	89610	50.037	ug/l	99
7) Trichlorofluoromethane	3.25	101	83194	52.564	ug/l	96
8) Diethyl Ether	3.67	74	67505	46.096	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	131016	49.812	ug/l	99
10) Methyl Iodide	4.26	142	194471	50.352	ug/l	100
11) Tert butyl alcohol	5.20	59	43518	213.012	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	129512	49.404	ug/l	99
13) Acrolein	3.89	56	29877	301.392	ug/l	97
14) Allyl chloride	4.65	41	229918	51.281	ug/l	100
15) Acrylonitrile	5.37	53	154780	227.883	ug/l	100
16) Acetone	4.13	43	195950	251.427	ug/l	99
17) Carbon Disulfide	4.37	76	419604	53.319	ug/l	100
18) Methyl Acetate	4.67	43	70926	42.005	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	248035	48.439	ug/l	99
20) Methylene Chloride	4.90	84	146703	49.074	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	141888	49.420	ug/l	99
22) Diisopropyl ether	6.31	45	449196	48.867	ug/l	99
23) Vinyl Acetate	6.26	43	1409165	227.424	ug/l	100
24) 1,1-Dichloroethane	6.21	63	263764	48.117	ug/l	98
25) 2-Butanone	7.18	43	232427	232.911	ug/l	99
26) 2,2-Dichloropropane	7.17	77	163876	48.756	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	154054	49.273	ug/l	98
28) Bromochloromethane	7.51	49	109571	45.472	ug/l	99
29) Tetrahydrofuran	7.53	42	137230	229.404	ug/l	99
30) Chloroform	7.67	83	264567	47.730	ug/l	98
31) Cyclohexane	7.95	56	250093	50.107	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	215624	49.971	ug/l	100
36) 1,1-Dichloropropene	8.08	75	220015	52.434	ug/l	99
37) Ethyl Acetate	7.26	43	100096	49.008	ug/l	99
38) Carbon Tetrachloride	8.07	117	209030	52.367	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	263034	54.436	ug/l	99
40) Benzene	8.32	78	600055	50.880	ug/l	100
41) Methacrylonitrile	7.48	41	56863	48.981	ug/l	97
42) 1,2-Dichloroethane	8.40	62	183727	49.476	ug/l	99
43) Isopropyl Acetate	8.43	43	184136	47.868	ug/l	99
44) Trichloroethene	9.09	130	155194	50.904	ug/l	99
45) 1,2-Dichloropropane	9.37	63	151260	49.442	ug/l	97
46) Dibromomethane	9.46	93	78015	49.102	ug/l	99
47) Bromodichloromethane	9.65	83	195741	49.838	ug/l	98
48) Methyl methacrylate	9.44	41	90070	44.693	ug/l	99
49) 1,4-Dioxane	9.47	88	24067	965.605	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	488211	240.857	ug/l	100
52) Toluene	10.39	92	383143	52.059	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	208674	51.212	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	234783	50.824	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	108712	48.566	ug/l	97
56) Ethyl methacrylate	10.65	69	142191	45.137	ug/l	99
57) 1,3-Dichloropropane	10.93	76	190835	49.076	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	282299	235.941	ug/l	99
59) 2-Hexanone	10.98	43	369397	254.941	ug/l	98
60) Dibromochloromethane	11.13	129	129485	49.482	ug/l	100
61) 1,2-Dibromoethane	11.24	107	104356	48.673	ug/l	99
64) Tetrachloroethene	10.87	164	132695	50.531	ug/l	95
65) Chlorobenzene	11.66	112	414130	50.700	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	144978	50.786	ug/l	99
67) Ethyl Benzene	11.74	91	755059	52.757	ug/l	98
68) m/p-Xylenes	11.85	106	573508	105.376	ug/l	99
69) o-Xylene	12.17	106	265694	52.808	ug/l	98
70) Styrene	12.19	104	447059	52.903	ug/l	99
71) Bromoform	12.35	173	78341	49.390	ug/l #	99
73) Isopropylbenzene	12.47	105	750207	53.815	ug/l	100
74) N-amyl acetate	12.28	43	178995	48.627	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	130276	47.778	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	92765m	50.343	ug/l	
77) Bromobenzene	12.75	156	169996	50.812	ug/l	99
78) n-propylbenzene	12.81	91	918305	53.323	ug/l	100
79) 2-Chlorotoluene	12.90	91	511689	52.214	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	630716	53.482	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	43273	49.761	ug/l	99
82) 4-Chlorotoluene	12.99	91	538550	51.769	ug/l	99
83) tert-Butylbenzene	13.21	119	536408	53.922	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	644783	53.109	ug/l	99
85) sec-Butylbenzene	13.39	105	790206	53.383	ug/l	100
86) p-Isopropyltoluene	13.51	119	696005	53.756	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	341546	50.301	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	338699	49.918	ug/l	99
89) n-Butylbenzene	13.83	91	691588	54.027	ug/l	99
90) Hexachloroethane	14.10	117	124226	51.644	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	302893	49.890	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22158	46.639	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	215985	50.454	ug/l	99
94) Hexachlorobutadiene	15.25	225	128220	51.861	ug/l	99
95) Naphthalene	15.38	128	386839	49.826	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	186265	48.846	ug/l	99

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

