

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110418\
 Data File : VW006601.D
 Acq On : 02 Nov 2018 14:51
 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
 11/5/2018 10:12:36 AM

Quant Time: Nov 02 23:56:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	264953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	365682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	336464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	196013	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	105871	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
35) Dibromofluoromethane	7.88	113	113021	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	10.32	98	440515	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.62	95	157597	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	68894	50.159	ug/l	96
3) Chloromethane	2.21	50	85777	50.474	ug/l	99
4) Vinyl Chloride	2.37	62	123242	51.937	ug/l	100
5) Bromomethane	2.78	94	97130	48.775	ug/l	95
6) Chloroethane	2.93	64	79879	48.179	ug/l	95
7) Trichlorofluoromethane	3.26	101	107014	51.070	ug/l	95
8) Diethyl Ether	3.67	74	52031	45.424	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	113604	50.771	ug/l	100
10) Methyl Iodide	4.26	142	183907	45.329	ug/l	99
11) Tert butyl alcohol	5.17	59	31467	256.431	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	107554	49.767	ug/l	95
13) Acrolein	3.89	56	39421	255.421	ug/l	98
14) Allyl chloride	4.66	41	140170	49.688	ug/l	99
15) Acrylonitrile	5.37	53	101654	247.508	ug/l	100
16) Acetone	4.12	43	116309	316.311	ug/l	98
17) Carbon Disulfide	4.37	76	313122	50.914	ug/l	99
18) Methyl Acetate	4.67	43	50023	47.310	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	142688	44.356	ug/l	100
20) Methylene Chloride	4.91	84	112891	47.018	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	120436	49.249	ug/l	98
22) Diisopropyl ether	6.31	45	277268	47.145	ug/l	98
23) Vinyl Acetate	6.26	43	808923	248.032	ug/l	100
24) 1,1-Dichloroethane	6.21	63	193670	48.589	ug/l	100
25) 2-Butanone	7.17	43	141596	269.861	ug/l	95
26) 2,2-Dichloropropane	7.17	77	125210	52.149	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	133206	48.688	ug/l	99
28) Bromochloromethane	7.51	49	76134	48.104	ug/l	99
29) Tetrahydrofuran	7.52	42	80776	244.758	ug/l	100
30) Chloroform	7.68	83	208940	47.812	ug/l	96
31) Cyclohexane	7.95	56	177378	48.895	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	184482	49.890	ug/l	99
36) 1,1-Dichloropropene	8.08	75	170543	53.032	ug/l	100
37) Ethyl Acetate	7.26	43	56054	50.299	ug/l	99
38) Carbon Tetrachloride	8.07	117	180003	53.568	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	224115	54.917	ug/l	98
40) Benzene	8.32	78	473600	51.850	ug/l	99
41) Methacrylonitrile	7.48	41	32430	47.457	ug/l	93
42) 1,2-Dichloroethane	8.40	62	129721	49.521	ug/l	100
43) Isopropyl Acetate	8.43	43	112675	50.668	ug/l	98
44) Trichloroethene	9.09	130	144762	51.359	ug/l	97
45) 1,2-Dichloropropane	9.37	63	109166	51.356	ug/l	100
46) Dibromomethane	9.46	93	62503	50.020	ug/l	98
47) Bromodichloromethane	9.65	83	150098	51.734	ug/l	97
48) Methyl methacrylate	9.44	41	53929	50.334	ug/l	99
49) 1,4-Dioxane	9.45	88	20708	1132.386	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	291393	255.136	ug/l	100
52) Toluene	10.39	92	314544	51.342	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	147692	52.893	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	173004	52.430	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	88149	49.719	ug/l	98
56) Ethyl methacrylate	10.65	69	101001	50.121	ug/l	96
57) 1,3-Dichloropropane	10.93	76	143286	49.770	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	230164	234.965	ug/l	100
59) 2-Hexanone	10.97	43	215446	277.740	ug/l	99
60) Dibromochloromethane	11.13	129	109083	51.929	ug/l	98
61) 1,2-Dibromoethane	11.24	107	87050	49.442	ug/l	100
64) Tetrachloroethene	10.87	164	129220	48.179	ug/l	99
65) Chlorobenzene	11.66	112	363087	51.282	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	127657	51.298	ug/l	99
67) Ethyl Benzene	11.73	91	625558	52.860	ug/l	99
68) m/p-Xylenes	11.84	106	504094	106.618	ug/l	100
69) o-Xylene	12.17	106	237956	52.865	ug/l	99
70) Styrene	12.18	104	386139	52.618	ug/l	100
71) Bromoform	12.35	173	68992	52.300	ug/l #	99
73) Isopropylbenzene	12.47	105	666026	51.580	ug/l	100
74) N-amyl acetate	12.27	43	113124	50.699	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	100168	49.116	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	63076m	41.244	ug/l	
77) Bromobenzene	12.75	156	164084	49.080	ug/l	99
78) n-propylbenzene	12.81	91	788256	53.074	ug/l	100
79) 2-Chlorotoluene	12.90	91	436296	51.187	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	569221	52.473	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	29240	49.539	ug/l	98
82) 4-Chlorotoluene	12.99	91	464488	51.509	ug/l	100
83) tert-Butylbenzene	13.21	119	510100	52.729	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	574534	51.635	ug/l	100
85) sec-Butylbenzene	13.39	105	724814	53.496	ug/l	100
86) p-Isopropyltoluene	13.51	119	658838	53.440	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	336149	51.056	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	332973	51.020	ug/l	100
89) n-Butylbenzene	13.83	91	603511	55.146	ug/l	100
90) Hexachloroethane	14.10	117	107879	53.241	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	293843	49.616	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15947	48.190	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	222644	50.558	ug/l	100
94) Hexachlorobutadiene	15.24	225	141913	51.706	ug/l	100
95) Naphthalene	15.38	128	351763	49.700	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	191802	49.557	ug/l	99

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

