

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006653.D
 Acq On : 05 Nov 2018 23:52
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 11/6/2018 8:16:07 AM

Quant Time: Nov 06 03:30:59 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	230364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	326858	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	307703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	180573	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	98470	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
35) Dibromofluoromethane	7.88	113	106064	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
50) Toluene-d8	10.32	98	400906	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
62) 4-Bromofluorobenzene	12.62	95	147107	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	62830m	52.613	ug/l
3) Chloromethane	2.21	50	74328	50.304	ug/l
4) Vinyl Chloride	2.37	62	109325	52.990	ug/l
5) Bromomethane	2.79	94	92739	53.562	ug/l
6) Chloroethane	2.93	64	76426	53.017	ug/l
7) Trichlorofluoromethane	3.26	101	96436	52.932	ug/l
8) Diethyl Ether	3.68	74	51255	51.466	ug/l
9) 1,1,2-Trichlorotrifluoroet	4.06	101	104539	53.734	ug/l
10) Methyl Iodide	4.27	142	175177	49.660	ug/l
11) Tert butyl alcohol	5.23	59	27819	260.742	ug/l #
12) 1,1-Dichloroethene	4.04	96	98131	52.224	ug/l
13) Acrolein	3.90	56	32335	240.967	ug/l
14) Allyl chloride	4.67	41	128205	52.270	ug/l
15) Acrylonitrile	5.38	53	96597	270.509	ug/l
16) Acetone	4.14	43	82059	256.674	ug/l
17) Carbon Disulfide	4.37	76	283887	53.091	ug/l
18) Methyl Acetate	4.68	43	49285	53.611	ug/l
19) Methyl tert-butyl Ether	5.43	73	144304	51.593	ug/l
20) Methylene Chloride	4.91	84	108607	52.748	ug/l
21) trans-1,2-Dichloroethene	5.42	96	114759	53.973	ug/l
22) Diisopropyl ether	6.31	45	274869	53.755	ug/l
23) Vinyl Acetate	6.26	43	777719	274.269	ug/l
24) 1,1-Dichloroethane	6.21	63	184796	53.324	ug/l
25) 2-Butanone	7.18	43	121360	266.023	ug/l
26) 2,2-Dichloropropane	7.17	77	110326	52.849	ug/l
27) cis-1,2-Dichloroethene	7.17	96	126084	53.004	ug/l
28) Bromochloromethane	7.51	49	72716	52.842	ug/l
29) Tetrahydrofuran	7.54	42	77162	268.913	ug/l
30) Chloroform	7.68	83	204533	53.831	ug/l
31) Cyclohexane	7.96	56	155332	49.247	ug/l
32) 1,1,1-Trichloroethane	7.87	97	173105	53.842	ug/l
36) 1,1-Dichloropropene	8.08	75	155590	54.129	ug/l
37) Ethyl Acetate	7.26	43	54730	54.944	ug/l
38) Carbon Tetrachloride	8.07	117	166025	55.277	ug/l

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	195922	53.711	ug/l	97
40) Benzene	8.32	78	451336	55.281	ug/l	99
41) Methacrylonitrile	7.49	41	31534	51.627	ug/l	94
42) 1,2-Dichloroethane	8.40	62	126394	53.982	ug/l	100
43) Isopropyl Acetate	8.43	43	108880	54.777	ug/l	99
44) Trichloroethene	9.09	130	136388	54.135	ug/l	96
45) 1,2-Dichloropropane	9.37	63	104774	55.144	ug/l	99
46) Dibromomethane	9.46	93	62120	55.619	ug/l	99
47) Bromodichloromethane	9.65	83	148343	57.202	ug/l	97
48) Methyl methacrylate	9.44	41	52865	55.202	ug/l	98
49) 1,4-Dioxane	9.49	88	18127	1108.988	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	285825	279.986	ug/l	100
52) Toluene	10.39	92	298294	54.473	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	142374	57.044	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	166149	56.334	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	87868	55.447	ug/l	96
56) Ethyl methacrylate	10.65	69	100540	55.819	ug/l	97
57) 1,3-Dichloropropane	10.93	76	142302	55.300	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	229657	262.295	ug/l	100
59) 2-Hexanone	10.97	43	195355	281.753	ug/l	99
60) Dibromochloromethane	11.13	129	109118	58.116	ug/l	100
61) 1,2-Dibromoethane	11.24	107	86574	55.013	ug/l	99
64) Tetrachloroethene	10.87	164	129238	52.689	ug/l	99
65) Chlorobenzene	11.66	112	349606	53.993	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	127969	56.229	ug/l	100
67) Ethyl Benzene	11.74	91	590433	54.555	ug/l	99
68) m/p-Xylenes	11.84	106	479608	110.920	ug/l	99
69) o-Xylene	12.17	106	229133	55.663	ug/l	99
70) Styrene	12.18	104	378870	56.453	ug/l	100
71) Bromoform	12.35	173	70756	58.651	ug/l #	98
73) Isopropylbenzene	12.47	105	624094	52.466	ug/l	100
74) N-amyl acetate	12.28	43	109522	53.282	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	101577	54.066	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	62360m	44.262	ug/l	
77) Bromobenzene	12.75	156	162578	52.788	ug/l	100
78) n-propylbenzene	12.81	91	735300	53.742	ug/l	100
79) 2-Chlorotoluene	12.90	91	417156	53.126	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	541093	54.145	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	28524	52.302	ug/l	97
82) 4-Chlorotoluene	12.99	91	444315	53.485	ug/l	100
83) tert-Butylbenzene	13.21	119	475639	53.371	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	553647	54.012	ug/l	99
85) sec-Butylbenzene	13.39	105	674247	54.019	ug/l	99
86) p-Isopropyltoluene	13.51	119	618196	54.431	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	328749	54.201	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	323842	53.864	ug/l	100
89) n-Butylbenzene	13.83	91	554962	55.046	ug/l	100
90) Hexachloroethane	14.10	117	105695	56.624	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	293833	53.856	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15958	52.347	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	218821	53.939	ug/l	99
94) Hexachlorobutadiene	15.24	225	137650	54.441	ug/l	99
95) Naphthalene	15.38	128	356084	54.613	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	194353	54.510	ug/l	99

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

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