

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092718\
 Data File : VW005690.D
 Acq On : 27 Sep 2018 10:34
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/28/2018 11:06:21 AM

Quant Time: Sep 28 01:27:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	344942	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	169610	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	132512	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
35) Dibromofluoromethane	7.89	113	115765	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
50) Toluene-d8	10.33	98	470263	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	
62) 4-Bromofluorobenzene	12.62	95	174611	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	67538	47.482	ug/l	98
3) Chloromethane	2.21	50	76900	40.589	ug/l	95
4) Vinyl Chloride	2.37	62	113394	50.071	ug/l	100
5) Bromomethane	2.79	94	70996	46.389	ug/l	100
6) Chloroethane	2.93	64	68170	46.911	ug/l	99
7) Trichlorofluoromethane	3.26	101	85069	48.028	ug/l	98
8) Diethyl Ether	3.68	74	55113	47.633	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	111664	49.803	ug/l	99
10) Methyl Iodide	4.26	142	169051	49.027	ug/l	98
11) Tert butyl alcohol	5.22	59	33130	230.915	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	106402	49.569	ug/l	98
13) Acrolein	3.90	56	22057	228.372	ug/l	99
14) Allyl chloride	4.67	41	183142	48.889	ug/l	99
15) Acrylonitrile	5.38	53	112336	218.675	ug/l	98
16) Acetone	4.14	43	124652	286.968	ug/l	99
17) Carbon Disulfide	4.38	76	315494	47.042	ug/l	100
18) Methyl Acetate	4.68	43	57801	43.923	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	160974	48.586	ug/l	97
20) Methylene Chloride	4.92	84	120341	51.893	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	115822	49.264	ug/l	97
22) Diisopropyl ether	6.32	45	365163	50.214	ug/l	98
23) Vinyl Acetate	6.26	43	1000347	240.669	ug/l	100
24) 1,1-Dichloroethane	6.21	63	220901	49.166	ug/l	98
25) 2-Butanone	7.18	43	152115	225.569	ug/l	99
26) 2,2-Dichloropropane	7.17	77	157378	50.173	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	129036	49.760	ug/l	99
28) Bromochloromethane	7.51	49	81591	45.845	ug/l	97
29) Tetrahydrofuran	7.54	42	92693	220.018	ug/l	99
30) Chloroform	7.68	83	228574	49.277	ug/l	99
31) Cyclohexane	7.96	56	202794	47.111	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	205061	50.043	ug/l	99
36) 1,1-Dichloropropene	8.09	75	181838	52.367	ug/l	100
37) Ethyl Acetate	7.26	43	66054	45.203	ug/l	99
38) Carbon Tetrachloride	8.07	117	195220	52.465	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	219993	53.699	ug/l	99
40) Benzene	8.33	78	506933	51.525	ug/l	99
41) Methacrylonitrile	7.49	41	43932	52.832	ug/l	94
42) 1,2-Dichloroethane	8.40	62	152737	48.489	ug/l	99
43) Isopropyl Acetate	8.43	43	131144	45.647	ug/l	99
44) Trichloroethene	9.10	130	130996	52.017	ug/l	100
45) 1,2-Dichloropropane	9.37	63	121859	50.345	ug/l	99
46) Dibromomethane	9.46	93	59095	48.863	ug/l	98
47) Bromodichloromethane	9.65	83	164053	50.497	ug/l	100
48) Methyl methacrylate	9.44	41	65949	48.329	ug/l	95
49) 1,4-Dioxane	9.48	88	17831	927.357	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	331139	228.842	ug/l	100
52) Toluene	10.39	92	317323	51.691	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	166195	51.030	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	191700	52.534	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	86281	50.260	ug/l	99
56) Ethyl methacrylate	10.65	69	108163	51.040	ug/l	99
57) 1,3-Dichloropropane	10.94	76	150024	49.309	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	245189	255.235	ug/l	99
59) 2-Hexanone	10.98	43	247641	251.924	ug/l	100
60) Dibromochloromethane	11.13	129	106850	51.513	ug/l	100
61) 1,2-Dibromoethane	11.24	107	79661	49.770	ug/l	97
64) Tetrachloroethene	10.87	164	112728	50.059	ug/l	98
65) Chlorobenzene	11.66	112	347113	51.534	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.74	131	126394	52.138	ug/l	100
67) Ethyl Benzene	11.74	91	640515	53.574	ug/l	100
68) m/p-Xylenes	11.85	106	486412	107.686	ug/l	100
69) o-Xylene	12.17	106	225866	53.392	ug/l	100
70) Styrene	12.19	104	374114	52.551	ug/l	98
71) Bromoform	12.35	173	64043	49.769	ug/l	99
73) Isopropylbenzene	12.47	105	657617	55.910	ug/l	100
74) N-amyl acetate	12.28	43	129037	48.449	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	95735	49.002	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	66272m	45.837	ug/l	
77) Bromobenzene	12.76	156	143929	52.209	ug/l	98
78) n-propylbenzene	12.81	91	793720	55.738	ug/l	99
79) 2-Chlorotoluene	12.90	91	449597	54.571	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	565995	55.340	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	32900	51.252	ug/l	97
82) 4-Chlorotoluene	12.99	91	472526	54.283	ug/l	99
83) tert-Butylbenzene	13.21	119	484183	56.350	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	577769	55.980	ug/l	99
85) sec-Butylbenzene	13.39	105	701271	56.274	ug/l	100
86) p-Isopropyltoluene	13.51	119	631602	56.546	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	298825	53.011	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	292134	52.108	ug/l	100
89) n-Butylbenzene	13.83	91	599956	56.945	ug/l	99
90) Hexachloroethane	14.10	117	108745	53.715	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	263503	52.953	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17044	45.789	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	192722	54.291	ug/l	99
94) Hexachlorobutadiene	15.25	225	125715	54.665	ug/l	99
95) Naphthalene	15.38	128	314568	52.683	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	167706	53.609	ug/l	100

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

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