

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101918\
 Data File : VW006222.D
 Acq On : 19 Oct 2018 13:39
 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

apatel
 10/22/2018 12:17:36 PM

Quant Time: Oct 20 01:33:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	269270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	375505	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	192774	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	102324	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
35) Dibromofluoromethane	7.88	113	108432	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
50) Toluene-d8	10.33	98	416086	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.62	95	157183	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	70769	53.110	ug/l	97
3) Chloromethane	2.21	50	80460	46.909	ug/l	99
4) Vinyl Chloride	2.37	62	127113	51.893	ug/l	99
5) Bromomethane	2.79	94	105870	47.519	ug/l	98
6) Chloroethane	2.93	64	91224	51.967	ug/l	95
7) Trichlorofluoromethane	3.26	101	119030	52.163	ug/l	99
8) Diethyl Ether	3.68	74	54435	44.886	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	129786	54.272	ug/l	100
10) Methyl Iodide	4.27	142	209239	52.569	ug/l	100
11) Tert butyl alcohol	5.23	59	29545	196.785	ug/l	100
12) 1,1-Dichloroethene	4.03	96	120417	53.522	ug/l	92
13) Acrolein	3.90	56	31931	219.791	ug/l	94
14) Allyl chloride	4.67	41	160807	49.988	ug/l	99
15) Acrylonitrile	5.38	53	102091	234.703	ug/l	99
16) Acetone	4.15	43	107371	256.771	ug/l	99
17) Carbon Disulfide	4.37	76	332757	49.006	ug/l	99
18) Methyl Acetate	4.68	43	50141	44.632	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	166564	48.607	ug/l	97
20) Methylene Chloride	4.92	84	125395	53.190	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	132411	52.727	ug/l	98
22) Diisopropyl ether	6.32	45	322899	50.793	ug/l	99
23) Vinyl Acetate	6.26	43	890527	237.368	ug/l	100
24) 1,1-Dichloroethane	6.22	63	216146	52.693	ug/l	98
25) 2-Butanone	7.18	43	141404	234.470	ug/l	99
26) 2,2-Dichloropropane	7.17	77	145841	50.410	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	145276	52.422	ug/l	100
28) Bromochloromethane	7.51	49	84337	53.256	ug/l	97
29) Tetrahydrofuran	7.54	42	82545	222.674	ug/l	99
30) Chloroform	7.68	83	234987	52.580	ug/l	100
31) Cyclohexane	7.96	56	204984	50.180	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	211385	52.434	ug/l	99
36) 1,1-Dichloropropene	8.09	75	190360	55.000	ug/l	99
37) Ethyl Acetate	7.26	43	60872	47.337	ug/l	99
38) Carbon Tetrachloride	8.07	117	202162	53.282	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	256586	55.770	ug/l	99
40) Benzene	8.33	78	516108	54.361	ug/l	99
41) Methacrylonitrile	7.49	41	34223	44.147	ug/l	90
42) 1,2-Dichloroethane	8.40	62	145113	52.024	ug/l	100
43) Isopropyl Acetate	8.43	43	120626	45.878	ug/l	99
44) Trichloroethene	9.09	130	159404	54.726	ug/l	100
45) 1,2-Dichloropropane	9.37	63	119092	52.420	ug/l	98
46) Dibromomethane	9.46	93	66288	51.193	ug/l	99
47) Bromodichloromethane	9.65	83	161135	51.328	ug/l	97
48) Methyl methacrylate	9.44	41	59759	47.949	ug/l	98
49) 1,4-Dioxane	9.48	88	20002	1003.418	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	309506	234.943	ug/l	99
52) Toluene	10.39	92	345195	54.233	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	155777	49.804	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	184451	51.383	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	92480	51.037	ug/l	97
56) Ethyl methacrylate	10.65	69	110167	49.594	ug/l	96
57) 1,3-Dichloropropane	10.94	76	155336	51.786	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	197846	233.086	ug/l	100
59) 2-Hexanone	10.98	43	226009	240.337	ug/l	98
60) Dibromochloromethane	11.13	129	112170	49.698	ug/l	100
61) 1,2-Dibromoethane	11.24	107	92498	51.089	ug/l	100
64) Tetrachloroethene	10.87	164	143486	53.983	ug/l	98
65) Chlorobenzene	11.66	112	395709	53.988	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	137523	52.796	ug/l	99
67) Ethyl Benzene	11.74	91	697818	54.936	ug/l	100
68) m/p-Xylenes	11.85	106	552880	110.122	ug/l	100
69) o-Xylene	12.17	106	261887	54.733	ug/l	100
70) Styrene	12.19	104	424432	54.549	ug/l	99
71) Bromoform	12.35	173	66674	45.891	ug/l #	99
73) Isopropylbenzene	12.47	105	753406	55.321	ug/l	100
74) N-amyl acetate	12.28	43	123330	46.625	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	102566	49.516	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	69064m	46.905	ug/l	
77) Bromobenzene	12.76	156	177690	53.269	ug/l	98
78) n-propylbenzene	12.81	91	874262	55.178	ug/l	100
79) 2-Chlorotoluene	12.90	91	488630	54.888	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	626498	54.568	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	26355	42.786	ug/l	92
82) 4-Chlorotoluene	12.99	91	504979	54.150	ug/l	99
83) tert-Butylbenzene	13.21	119	565934	55.094	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	636739	54.807	ug/l	99
85) sec-Butylbenzene	13.39	105	810812	55.873	ug/l	100
86) p-Isopropyltoluene	13.51	119	733496	55.882	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	360282	54.271	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	353309	53.452	ug/l	99
89) n-Butylbenzene	13.83	91	677768	56.461	ug/l	99
90) Hexachloroethane	14.10	117	113658	51.121	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	314707	53.145	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16611	44.790	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	242663	53.258	ug/l	99
94) Hexachlorobutadiene	15.25	225	158507	55.378	ug/l	99
95) Naphthalene	15.38	128	376865	49.721	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	205769	52.212	ug/l	99

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

