

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092218\
 Data File : VW005550.D
 Acq On : 21 Sep 2018 10:28
 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
 9/24/2018 9:33:26 AM

Quant Time: Sep 21 16:01:48 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	252340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	374433	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	341550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	177898	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	135589	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	
35) Dibromofluoromethane	7.89	113	116059	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
50) Toluene-d8	10.33	98	491467	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
62) 4-Bromofluorobenzene	12.62	95	174237	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	82386	54.585	ug/l	97
3) Chloromethane	2.22	50	101298	49.938	ug/l	99
4) Vinyl Chloride	2.37	62	119311	49.207	ug/l	98
5) Bromomethane	2.79	94	78143	47.689	ug/l	98
6) Chloroethane	2.93	64	73855	47.470	ug/l	100
7) Trichlorofluoromethane	3.26	101	107351	56.608	ug/l	96
8) Diethyl Ether	3.68	74	56112	45.296	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	118881	49.522	ug/l	100
10) Methyl Iodide	4.27	142	177871	48.181	ug/l	99
11) Tert butyl alcohol	5.23	59	34192	222.503	ug/l	96
12) 1,1-Dichloroethene	4.03	96	112218	48.829	ug/l	97
13) Acrolein	3.90	56	23002	221.884	ug/l	97
14) Allyl chloride	4.67	41	198432	49.475	ug/l	99
15) Acrylonitrile	5.38	53	118969	216.304	ug/l	99
16) Acetone	4.14	43	133945	288.048	ug/l	96
17) Carbon Disulfide	4.37	76	351999	49.021	ug/l	97
18) Methyl Acetate	4.68	43	58803	41.735	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	168829	47.594	ug/l	100
20) Methylene Chloride	4.91	84	121589	48.707	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	121948	48.446	ug/l	98
22) Diisopropyl ether	6.31	45	384282	49.356	ug/l	98
23) Vinyl Acetate	6.26	43	1070408	240.530	ug/l	100
24) 1,1-Dichloroethane	6.22	63	232670	48.368	ug/l	99
25) 2-Butanone	7.18	43	162811	225.497	ug/l	99
26) 2,2-Dichloropropane	7.17	77	167222	49.793	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	134641	48.495	ug/l	99
28) Bromochloromethane	7.52	49	86947	45.630	ug/l	99
29) Tetrahydrofuran	7.54	42	98107	217.501	ug/l	99
30) Chloroform	7.68	83	239676	48.260	ug/l	99
31) Cyclohexane	7.96	56	222737	48.329	ug/l	94
32) 1,1,1-Trichloroethane	7.88	97	216858	49.429	ug/l	99
36) 1,1-Dichloropropene	8.09	75	193024	51.210	ug/l	99
37) Ethyl Acetate	7.26	43	69343	43.717	ug/l	99
38) Carbon Tetrachloride	8.07	117	206101	51.027	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	238720	53.680	ug/l	100
40) Benzene	8.33	78	523437	49.012	ug/l	98
41) Methacrylonitrile	7.49	41	45642	50.565	ug/l	96
42) 1,2-Dichloroethane	8.40	62	159291	46.586	ug/l	99
43) Isopropyl Acetate	8.43	43	139814	44.832	ug/l	99
44) Trichloroethene	9.10	130	136233	49.836	ug/l	95
45) 1,2-Dichloropropane	9.37	63	127765	48.628	ug/l	98
46) Dibromomethane	9.46	93	60382	45.995	ug/l	98
47) Bromodichloromethane	9.65	83	169817	48.154	ug/l	100
48) Methyl methacrylate	9.44	41	69933	47.212	ug/l	97
49) 1,4-Dioxane	9.48	88	19726	945.110	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	355789	226.512	ug/l	99
52) Toluene	10.39	92	336779	50.540	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	176703	49.983	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	200286	50.564	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	87515	46.963	ug/l	99
56) Ethyl methacrylate	10.65	69	110464	48.020	ug/l	99
57) 1,3-Dichloropropane	10.94	76	155438	47.064	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	257991	247.409	ug/l	99
59) 2-Hexanone	10.98	43	258828	242.566	ug/l	99
60) Dibromochloromethane	11.13	129	107978	47.957	ug/l	98
61) 1,2-Dibromoethane	11.24	107	81733	47.042	ug/l	99
64) Tetrachloroethene	10.87	164	117824	48.605	ug/l	99
65) Chlorobenzene	11.66	112	358261	49.411	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.74	131	128157	49.110	ug/l	99
67) Ethyl Benzene	11.74	91	667538	51.868	ug/l	100
68) m/p-Xylenes	11.85	106	509072	104.697	ug/l	99
69) o-Xylene	12.17	106	236643	51.966	ug/l	99
70) Styrene	12.19	104	393169	51.304	ug/l	99
71) Bromoform	12.35	173	64799	46.780	ug/l #	100
73) Isopropylbenzene	12.47	105	688058	55.773	ug/l	100
74) N-amyl acetate	12.28	43	135851	48.631	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	98344	47.992	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	76854m	50.680	ug/l	
77) Bromobenzene	12.76	156	148866	51.484	ug/l	98
78) n-propylbenzene	12.81	91	829463	55.535	ug/l	100
79) 2-Chlorotoluene	12.90	91	464027	53.699	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	589171	54.922	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	33126	49.200	ug/l	98
82) 4-Chlorotoluene	13.00	91	492026	53.890	ug/l	99
83) tert-Butylbenzene	13.21	119	504907	56.024	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	596530	55.105	ug/l	99
85) sec-Butylbenzene	13.39	105	734201	56.171	ug/l	100
86) p-Isopropyltoluene	13.51	119	660081	56.342	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	303090	51.263	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	299861	50.994	ug/l	100
89) n-Butylbenzene	13.83	91	624153	56.482	ug/l	99
90) Hexachloroethane	14.10	117	111078	52.311	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	265886	50.943	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17761	45.492	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	193611	52.001	ug/l	99
94) Hexachlorobutadiene	15.25	225	126327	52.372	ug/l	98
95) Naphthalene	15.38	128	316814	50.587	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	167096	50.925	ug/l	100

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

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