

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007201.D
 Acq On : 04 Dec 2018 21:11
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/5/2018 1:11:21 PM

Quant Time: Dec 05 08:33:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	106559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	171416	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	152606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	77734	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	49152	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
35) Dibromofluoromethane	7.89	113	47746	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	10.33	98	213269	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.62	95	81343	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	48824	41.879	ug/l	97
3) Chloromethane	2.22	50	65155	44.131	ug/l	100
4) Vinyl Chloride	2.36	62	41459	44.850	ug/l	99
5) Bromomethane	2.76	94	24090	52.006	ug/l	94
6) Chloroethane	2.92	64	24997	48.195	ug/l	99
7) Trichlorofluoromethane	3.26	101	78700	43.668	ug/l	99
8) Diethyl Ether	3.69	74	24346	48.463	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	47935	44.029	ug/l	99
10) Methyl Iodide	4.28	142	37267	40.183	ug/l	100
11) Tert butyl alcohol	5.17	59	20671	215.684	ug/l	98
12) 1,1-Dichloroethene	4.04	96	44796	43.906	ug/l	97
13) Acrolein	3.90	56	18161	261.248	ug/l	100
14) Allyl chloride	4.67	41	74416	45.503	ug/l	99
15) Acrylonitrile	5.37	53	52897	251.877	ug/l	98
16) Acetone	4.13	43	50165	213.590	ug/l	97
17) Carbon Disulfide	4.38	76	155535	46.247	ug/l	98
18) Methyl Acetate	4.68	43	26106	48.696	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	118508	49.334	ug/l	99
20) Methylene Chloride	4.92	84	60555	51.337	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	52052	45.691	ug/l	96
22) Diisopropyl ether	6.32	45	146823	50.011	ug/l	97
23) Vinyl Acetate	6.26	43	399625	249.467	ug/l	99
24) 1,1-Dichloroethane	6.23	63	88444	47.003	ug/l	99
25) 2-Butanone	7.17	43	63102	231.773	ug/l	99
26) 2,2-Dichloropropane	7.17	77	77847	43.051	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	57662	47.215	ug/l	99
28) Bromochloromethane	7.52	49	34277	50.519	ug/l	97
29) Tetrahydrofuran	7.53	42	41615	247.350	ug/l	100
30) Chloroform	7.68	83	92757	47.432	ug/l	99
31) Cyclohexane	7.96	56	84847	43.096	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	86545	47.026	ug/l	100
36) 1,1-Dichloropropene	8.09	75	75988	45.559	ug/l	99
37) Ethyl Acetate	7.26	43	29499	48.894	ug/l	98
38) Carbon Tetrachloride	8.07	117	76165	44.740	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	98300	44.026	ug/l	99
40) Benzene	8.33	78	218702	47.818	ug/l	98
41) Methacrylonitrile	7.49	41	17669	48.894	ug/l	97
42) 1,2-Dichloroethane	8.40	62	59256	46.358	ug/l	99
43) Isopropyl Acetate	8.43	43	57352	48.945	ug/l	99
44) Trichloroethene	9.09	130	60792	47.287	ug/l	97
45) 1,2-Dichloropropane	9.37	63	50471	47.421	ug/l	100
46) Dibromomethane	9.46	93	25600	46.289	ug/l	100
47) Bromodichloromethane	9.65	83	68450	47.052	ug/l	96
48) Methyl methacrylate	9.44	41	29300	48.178	ug/l	96
49) 1,4-Dioxane	9.45	88	9801	1014.471	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	148374	256.945	ug/l	99
52) Toluene	10.39	92	152588	47.961	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	70804	48.410	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	81350	47.461	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	38549	49.003	ug/l	94
56) Ethyl methacrylate	10.65	69	50906	49.608	ug/l	97
57) 1,3-Dichloropropane	10.93	76	62128	46.779	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	104508	253.555	ug/l	100
59) 2-Hexanone	10.97	43	106315	253.974	ug/l	98
60) Dibromochloromethane	11.13	129	45050	46.594	ug/l	100
61) 1,2-Dibromoethane	11.24	107	37982	50.339	ug/l	97
64) Tetrachloroethene	10.87	164	53729	48.189	ug/l	98
65) Chlorobenzene	11.66	112	164018	48.124	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	51494	48.921	ug/l	97
67) Ethyl Benzene	11.73	91	294208	47.362	ug/l	93
68) m/p-Xylenes	11.84	106	233867	95.967	ug/l	98
69) o-Xylene	12.17	106	105441	46.310	ug/l	90
70) Styrene	12.18	104	176317	47.307	ug/l	97
71) Bromoform	12.35	173	25313	48.039	ug/l #	96
73) Isopropylbenzene	12.47	105	301880	47.748	ug/l	98
74) N-amyl acetate	12.27	43	55447	49.465	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	41142	50.106	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	26398m	22.598	ug/l	
77) Bromobenzene	12.75	156	66107	48.440	ug/l	99
78) n-propylbenzene	12.80	91	349224	46.363	ug/l	97
79) 2-Chlorotoluene	12.90	91	197370	46.402	ug/l	95
80) 1,3,5-Trimethylbenzene	12.95	105	247409	45.743	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.52	75	13782	49.352	ug/l	98
82) 4-Chlorotoluene	12.99	91	217923	48.159	ug/l	95
83) tert-Butylbenzene	13.21	119	223558	47.298	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	246828	44.707	ug/l	95
85) sec-Butylbenzene	13.39	105	298610	44.254	ug/l	99
86) p-Isopropyltoluene	13.51	119	268041	44.623	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	128183	45.754	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	131526	46.478	ug/l	99
89) n-Butylbenzene	13.83	91	264680	47.153	ug/l	96
90) Hexachloroethane	14.10	117	42654	46.598	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	116281	47.945	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8188	51.477	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	79389	47.234	ug/l	98
94) Hexachlorobutadiene	15.24	225	42262	46.628	ug/l	97
95) Naphthalene	15.38	128	152631	50.670	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	68271	48.171	ug/l	99

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

