

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102918\
 Data File : VW006422.D
 Acq On : 27 Oct 2018 00:06
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 10/29/2018 10:03:44 AM

Quant Time: Oct 27 04:54:15 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	205742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	295983	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159341	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	87412	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
35) Dibromofluoromethane	7.88	113	91112	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
50) Toluene-d8	10.32	98	335184	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.62	95	129703	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	55788	54.795	ug/l	91
3) Chloromethane	2.21	50	72190	55.083	ug/l	94
4) Vinyl Chloride	2.37	62	103841	55.482	ug/l	96
5) Bromomethane	2.78	94	95955	56.368	ug/l	98
6) Chloroethane	2.93	64	80438	59.972	ug/l	98
7) Trichlorofluoromethane	3.26	101	100724	57.770	ug/l	100
8) Diethyl Ether	3.68	74	50682	54.695	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	104315	57.090	ug/l	98
10) Methyl Iodide	4.26	142	174491	57.376	ug/l	99
11) Tert butyl alcohol	5.23	59	28722	250.373	ug/l	100
12) 1,1-Dichloroethene	4.04	96	96859	56.345	ug/l	89
13) Acrolein	3.90	56	25020	225.398	ug/l	97
14) Allyl chloride	4.67	41	133875	54.466	ug/l	98
15) Acrylonitrile	5.38	53	98635	296.775	ug/l	100
16) Acetone	4.14	43	89815	282.600	ug/l	95
17) Carbon Disulfide	4.37	76	262080	50.515	ug/l	99
18) Methyl Acetate	4.68	43	48773	56.819	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	147425	56.306	ug/l	97
20) Methylene Chloride	4.91	84	108591	60.509	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	112590	58.678	ug/l	97
22) Diisopropyl ether	6.32	45	285419	58.761	ug/l	97
23) Vinyl Acetate	6.26	43	814468	284.128	ug/l	98
24) 1,1-Dichloroethane	6.21	63	188915	60.275	ug/l	99
25) 2-Butanone	7.18	43	130344	282.867	ug/l	98
26) 2,2-Dichloropropane	7.17	77	111873	50.609	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	129769	61.286	ug/l	97
28) Bromochloromethane	7.51	49	70465	58.236	ug/l	92
29) Tetrahydrofuran	7.54	42	79118	279.331	ug/l	98
30) Chloroform	7.68	83	209420	61.328	ug/l	100
31) Cyclohexane	7.95	56	156694	50.203	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	173920	56.462	ug/l	99
36) 1,1-Dichloropropene	8.08	75	157027	57.558	ug/l	99
37) Ethyl Acetate	7.26	43	57268	56.499	ug/l	99
38) Carbon Tetrachloride	8.07	117	166594	55.704	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	199500	55.013	ug/l	99
40) Benzene	8.32	78	455286	60.839	ug/l	98
41) Methacrylonitrile	7.49	41	33259	54.430	ug/l	92
42) 1,2-Dichloroethane	8.40	62	132205	60.130	ug/l	99
43) Isopropyl Acetate	8.43	43	113343	54.690	ug/l	99
44) Trichloroethene	9.09	130	138475	60.313	ug/l	100
45) 1,2-Dichloropropane	9.37	63	108389	60.527	ug/l	97
46) Dibromomethane	9.46	93	62897	61.625	ug/l	99
47) Bromodichloromethane	9.65	83	146887	59.360	ug/l	99
48) Methyl methacrylate	9.44	41	54209	55.182	ug/l	93
49) 1,4-Dioxane	9.48	88	19103	1215.792	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	293259	282.419	ug/l	98
52) Toluene	10.39	92	302006	60.195	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	140666	57.056	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	164939	58.292	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	88668	62.080	ug/l	99
56) Ethyl methacrylate	10.65	69	103361	59.031	ug/l	96
57) 1,3-Dichloropropane	10.93	76	144458	61.098	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	182955	273.453	ug/l	99
59) 2-Hexanone	10.97	43	201397	271.705	ug/l	96
60) Dibromochloromethane	11.13	129	106374	59.792	ug/l	100
61) 1,2-Dibromoethane	11.24	107	88058	61.704	ug/l	100
64) Tetrachloroethene	10.87	164	128065	59.792	ug/l	97
65) Chlorobenzene	11.66	112	355395	60.173	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	124573	59.350	ug/l	98
67) Ethyl Benzene	11.73	91	603310	58.942	ug/l	98
68) m/p-Xylenes	11.84	106	481669	119.058	ug/l	99
69) o-Xylene	12.17	106	231005	59.914	ug/l	97
70) Styrene	12.18	104	382065	60.937	ug/l	99
71) Bromoform	12.35	173	65979	56.357	ug/l #	100
73) Isopropylbenzene	12.47	105	639445	56.804	ug/l	99
74) N-amyl acetate	12.28	43	114614	52.421	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	101528	59.299	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	77046m	63.305	ug/l	
77) Bromobenzene	12.75	156	163004	59.119	ug/l	99
78) n-propylbenzene	12.81	91	745321	56.910	ug/l	100
79) 2-Chlorotoluene	12.90	91	423120	57.502	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	547061	57.647	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	26460	51.970	ug/l	98
82) 4-Chlorotoluene	12.99	91	449132	58.267	ug/l	100
83) tert-Butylbenzene	13.21	119	485257	57.152	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	560508	58.369	ug/l	100
85) sec-Butylbenzene	13.39	105	685317	57.134	ug/l	100
86) p-Isopropyltoluene	13.51	119	626400	57.736	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	325447	59.309	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	322352	59.001	ug/l	99
89) n-Butylbenzene	13.83	91	565497	56.993	ug/l	100
90) Hexachloroethane	14.10	117	101743	55.363	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	292339	59.726	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15634	51.001	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	215362	57.184	ug/l	99
94) Hexachlorobutadiene	15.24	225	132795	56.130	ug/l	99
95) Naphthalene	15.38	128	353643	56.447	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	187454	57.545	ug/l	100

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

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