

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003452.D
 Acq On : 23 Jun 2018 11:12
 Operator : SY/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
 6/25/2018 6:56:24 PM

Quant Time: Jun 25 02:40:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	287682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	430041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	396393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	209029	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	153055	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
35) Dibromofluoromethane	7.88	113	140055	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
50) Toluene-d8	10.33	98	574783	54.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.50%	
62) 4-Bromofluorobenzene	12.63	95	197404	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	82865	95.28	ug/l	90
3) Chloromethane	2.21	50	114869	52.27	ug/l	97
4) Vinyl Chloride	2.36	62	147729	46.12	ug/l	98
5) Bromomethane	2.78	94	91955	43.19	ug/l	97
6) Chloroethane	2.93	64	100010	44.85	ug/l	100
7) Trichlorofluoromethane	3.26	101	124001	64.61	ug/l	97
8) Diethyl Ether	3.68	74	60387	42.83	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	131710	49.42	ug/l	100
10) Methyl Iodide	4.26	142	194956	48.37	ug/l	100
11) Tert butyl alcohol	5.26	59	30618	183.21	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	125684	48.26	ug/l	96
13) Acrolein	3.90	56	46495	194.60	ug/l	99
14) Allyl chloride	4.66	41	215044	47.67	ug/l	99
15) Acrylonitrile	5.39	53	124479	214.60	ug/l	99
16) Acetone	4.15	43	167527	256.34	ug/l	100
17) Carbon Disulfide	4.37	76	377040	48.97	ug/l	98
18) Methyl Acetate	4.68	43	67097	43.28	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	219792	45.06	ug/l	99
20) Methylene Chloride	4.91	84	131984	47.35	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	136662	48.22	ug/l	99
22) Diisopropyl ether	6.31	45	437102	48.15	ug/l	97
23) Vinyl Acetate	6.26	43	1191922	227.82	ug/l	99
24) 1,1-Dichloroethane	6.21	63	260429	48.32	ug/l	97
25) 2-Butanone	7.18	43	186288	229.24	ug/l	96
26) 2,2-Dichloropropane	7.17	77	178729	49.69	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	148052	47.55	ug/l	98
28) Bromochloromethane	7.51	49	118401	52.79	ug/l	96
29) Tetrahydrofuran	7.54	42	102562	206.50	ug/l	99
30) Chloroform	7.68	83	265304	48.32	ug/l	98
31) Cyclohexane	7.96	56	238423	47.35	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	224934	49.63	ug/l	100
36) 1,1-Dichloropropene	8.09	75	215618	51.92	ug/l	100
37) Ethyl Acetate	7.26	43	74427	43.26	ug/l	99
38) Carbon Tetrachloride	8.07	117	213725	52.46	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	254344	52.93	ug/l	96
40) Benzene	8.33	78	581550	50.80	ug/l	100
41) Methacrylonitrile	7.49	41	46886	44.41	ug/l	99
42) 1,2-Dichloroethane	8.40	62	171928	47.94	ug/l	99
43) Isopropyl Acetate	8.43	43	147550	43.19	ug/l	97
44) Trichloroethene	9.09	130	151108	49.81	ug/l	97
45) 1,2-Dichloropropane	9.37	63	146531	50.27	ug/l	99
46) Dibromomethane	9.46	93	70939	47.54	ug/l	99
47) Bromodichloromethane	9.65	83	192179	50.24	ug/l	99
48) Methyl methacrylate	9.44	41	72214	44.98	ug/l	97
49) 1,4-Dioxane	9.50	88	17909	794.83	ug/l	81
51) 4-Methyl-2-Pentanone	10.21	43	387737	222.74	ug/l	99
52) Toluene	10.39	92	373214	50.84	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	190228	48.68	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	221042	49.70	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	99233	47.19	ug/l	100
56) Ethyl methacrylate	10.65	69	117830	46.14	ug/l	98
57) 1,3-Dichloropropane	10.94	76	173263	47.77	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	259439	226.64	ug/l	99
59) 2-Hexanone	10.98	43	297645	244.75	ug/l	99
60) Dibromochloromethane	11.13	129	123023	49.19	ug/l	98
61) 1,2-Dibromoethane	11.24	107	93389	46.95	ug/l	99
64) Tetrachloroethene	10.87	164	130389	49.18	ug/l	99
65) Chlorobenzene	11.66	112	407768	49.40	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	143358	49.42	ug/l	99
67) Ethyl Benzene	11.74	91	753806	51.52	ug/l	99
68) m/p-Xylenes	11.85	106	571168	102.69	ug/l	99
69) o-Xylene	12.17	106	264892	51.39	ug/l	99
70) Styrene	12.19	104	441087	51.41	ug/l	100
71) Bromoform	12.35	173	69144	45.99	ug/l #	98
73) Isopropylbenzene	12.47	105	754824	51.92	ug/l	99
74) N-amyl acetate	12.28	43	146652	44.32	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	112812	45.86	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	80012m	44.78	ug/l	
77) Bromobenzene	12.76	156	166117	49.06	ug/l	99
78) n-propylbenzene	12.81	91	939654	52.78	ug/l	100
79) 2-Chlorotoluene	12.90	91	516471	51.34	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	640640	52.50	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	34916	44.96	ug/l	98
82) 4-Chlorotoluene	13.00	91	542647	50.85	ug/l	100
83) tert-Butylbenzene	13.21	119	544226	52.33	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	650484	51.82	ug/l	100
85) sec-Butylbenzene	13.39	105	817877	52.91	ug/l	99
86) p-Isopropyltoluene	13.51	119	720474	52.84	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	345837	49.72	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	337651	48.83	ug/l	99
89) n-Butylbenzene	13.84	91	710910	53.49	ug/l	100
90) Hexachloroethane	14.10	117	126509	51.29	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	299534	49.16	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18510	44.72	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	207734	48.57	ug/l	100
94) Hexachlorobutadiene	15.25	225	129074	50.17	ug/l	98
95) Naphthalene	15.38	128	332149	45.78	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	177636	47.18	ug/l	99

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

