

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003818.D
 Acq On : 10 Jul 2018 11:50
 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
 7/11/2018 12:17:57 PM

Quant Time: Jul 10 13:49:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	216792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	330271	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	311346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	170031	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	128585	45.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.72%	
35) Dibromofluoromethane	7.88	113	113522	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
50) Toluene-d8	10.32	98	459333	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
62) 4-Bromofluorobenzene	12.62	95	164666	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	49384	46.84	ug/l	99
3) Chloromethane	2.20	50	87544	43.74	ug/l	95
4) Vinyl Chloride	2.36	62	125241	47.44	ug/l	97
5) Bromomethane	2.78	94	81655	43.82	ug/l	100
6) Chloroethane	2.92	64	75960	47.98	ug/l	97
7) Trichlorofluoromethane	3.24	101	54188	50.81	ug/l	100
8) Diethyl Ether	3.67	74	53892	49.31	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.04	101	109702	52.89	ug/l	98
10) Methyl Iodide	4.26	142	153537	49.73	ug/l	99
11) Tert butyl alcohol	5.23	59	33431	217.59	ug/l	99
12) 1,1-Dichloroethene	4.03	96	107217	52.65	ug/l	98
13) Acrolein	3.89	56	63072	340.02	ug/l	100
14) Allyl chloride	4.65	41	174717	49.35	ug/l	99
15) Acrylonitrile	5.37	53	125955	230.12	ug/l	99
16) Acetone	4.14	43	146047	296.92	ug/l	99
17) Carbon Disulfide	4.37	76	325550	48.76	ug/l	100
18) Methyl Acetate	4.68	43	62630	45.16	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	194820	46.29	ug/l	99
20) Methylene Chloride	4.91	84	113154	46.94	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	116087	48.15	ug/l	98
22) Diisopropyl ether	6.31	45	370734	47.63	ug/l	99
23) Vinyl Acetate	6.25	43	1152244	242.49	ug/l	99
24) 1,1-Dichloroethane	6.21	63	219880	46.70	ug/l	100
25) 2-Butanone	7.18	43	190336	247.06	ug/l	96
26) 2,2-Dichloropropane	7.17	77	128225	50.21	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	124574	46.73	ug/l	99
28) Bromochloromethane	7.51	49	90215	43.02	ug/l	99
29) Tetrahydrofuran	7.54	42	113437	229.05	ug/l	99
30) Chloroform	7.67	83	224913	46.83	ug/l	98
31) Cyclohexane	7.95	56	198603	48.01	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	175056	47.89	ug/l	100
36) 1,1-Dichloropropene	8.08	75	183454	52.35	ug/l	99
37) Ethyl Acetate	7.26	43	78530	46.06	ug/l	99
38) Carbon Tetrachloride	8.07	117	172508	51.78	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	211702	55.16	ug/l	99
40) Benzene	8.32	78	496313	49.54	ug/l	98
41) Methacrylonitrile	7.49	41	46715	47.63	ug/l	97
42) 1,2-Dichloroethane	8.40	62	154581	47.68	ug/l	100
43) Isopropyl Acetate	8.43	43	152096	47.06	ug/l	99
44) Trichloroethene	9.09	130	126266	49.99	ug/l	100
45) 1,2-Dichloropropane	9.37	63	128220	49.22	ug/l	100
46) Dibromomethane	9.46	93	65719	47.98	ug/l	98
47) Bromodichloromethane	9.65	83	164670	48.87	ug/l	100
48) Methyl methacrylate	9.44	41	74658	48.51	ug/l	98
49) 1,4-Dioxane	9.48	88	19771	965.80	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	411229	245.91	ug/l	100
52) Toluene	10.39	92	319428	51.42	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	173528	51.58	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	193797	51.03	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	92060	48.39	ug/l	96
56) Ethyl methacrylate	10.65	69	120392	51.86	ug/l	99
57) 1,3-Dichloropropane	10.93	76	160050	48.27	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	300768	246.28	ug/l	99
59) 2-Hexanone	10.98	43	306254	266.69	ug/l	100
60) Dibromochloromethane	11.13	129	110560	49.79	ug/l	100
61) 1,2-Dibromoethane	11.24	107	87403	48.04	ug/l	99
64) Tetrachloroethene	10.87	164	108159	46.96	ug/l	97
65) Chlorobenzene	11.66	112	346660	50.51	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	121576	50.69	ug/l	99
67) Ethyl Benzene	11.74	91	634540	54.07	ug/l	100
68) m/p-Xylenes	11.84	106	487434	108.46	ug/l	99
69) o-Xylene	12.17	106	223093	53.80	ug/l	100
70) Styrene	12.18	104	384928	54.59	ug/l	99
71) Bromoform	12.35	173	67149	50.73	ug/l #	99
73) Isopropylbenzene	12.47	105	633258	54.99	ug/l	100
74) N-amyl acetate	12.28	43	154160	49.39	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	113347	48.56	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	76076m	45.56	ug/l	
77) Bromobenzene	12.75	156	143470	50.19	ug/l	97
78) n-propylbenzene	12.81	91	796831	55.13	ug/l	100
79) 2-Chlorotoluene	12.90	91	436416	52.55	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	544059	54.82	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	38037	55.73	ug/l	96
82) 4-Chlorotoluene	12.99	91	467473	52.35	ug/l	99
83) tert-Butylbenzene	13.21	119	457307	55.87	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	557197	54.04	ug/l	100
85) sec-Butylbenzene	13.39	105	680446	55.57	ug/l	100
86) p-Isopropyltoluene	13.51	119	598779	55.97	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	296761	51.24	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	289670	49.74	ug/l	99
89) n-Butylbenzene	13.83	91	598411	56.86	ug/l	99
90) Hexachloroethane	14.10	117	108315	52.56	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	259978	49.87	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19574	48.44	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	184673	52.34	ug/l	99
94) Hexachlorobutadiene	15.25	225	109946	54.47	ug/l	97
95) Naphthalene	15.38	128	333774	52.93	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	163607	51.78	ug/l	100

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

