

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012418\
 Data File : VW000985.D
 Acq On : 25 Jan 2018 07:23
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.0G/5.0ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/25/2018 1:34:03 PM

Quant Time: Jan 25 07:48:54 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 13:31:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	267189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	366867	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	342307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	179448	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	128880	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
35) Dibromofluoromethane	7.88	113	120349	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
50) Toluene-d8	10.33	98	456672	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.63	95	166499	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	128980	50.07	ug/l	99
3) Chloromethane	2.21	50	103460	45.44	ug/l	99
4) Vinyl Chloride	2.36	62	105036	49.60	ug/l	98
5) Bromomethane	2.76	94	77993	57.88	ug/l	99
6) Chloroethane	2.92	64	58691	49.87	ug/l	96
7) Trichlorofluoromethane	3.26	101	200108	51.32	ug/l	95
8) Diethyl Ether	3.68	74	52010	53.25	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	138780	55.09	ug/l	98
10) Methyl Iodide	4.26	142	116149	44.12	ug/l	98
11) Tert butyl alcohol	5.20	59	73123	263.30	ug/l	96
12) 1,1-Dichloroethene	4.03	96	115062	53.14	ug/l	94
13) Acrolein	3.89	56	52333	193.00	ug/l	96
14) Allyl chloride	4.67	41	170111	50.42	ug/l	99
15) Acrylonitrile	5.38	53	209523	274.62	ug/l	99
16) Acetone	4.14	43	207959	200.71	ug/l	96
17) Carbon Disulfide	4.37	76	371412	51.94	ug/l	99
18) Methyl Acetate	4.68	43	106795	56.69	ug/l	100
19) Methyl tert-butyl Ether	5.44	73	315141	56.66	ug/l	100
20) Methylene Chloride	4.92	84	127345	55.54	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	130073	51.70	ug/l	96
22) Diisopropyl ether	6.32	45	342548	56.71	ug/l	97
23) Vinyl Acetate	6.26	43	988975	263.51	ug/l	99
24) 1,1-Dichloroethane	6.22	63	217394	53.77	ug/l	100
25) 2-Butanone	7.18	43	289438	255.47	ug/l	97
26) 2,2-Dichloropropane	7.17	77	193761	47.34	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	137968	53.06	ug/l	98
28) Bromochloromethane	7.51	49	89419	52.65	ug/l	98
29) Tetrahydrofuran	7.54	42	175011	280.75	ug/l	99
30) Chloroform	7.68	83	233107	53.46	ug/l	98
31) Cyclohexane	7.95	56	209388	50.17	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	221210	52.49	ug/l	99
36) 1,1-Dichloropropene	8.09	75	186182	53.19	ug/l	99
37) Ethyl Acetate	7.26	43	109456	55.40	ug/l	99
38) Carbon Tetrachloride	8.07	117	205158	53.13	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	234092	55.52	ug/l	98
40) Benzene	8.32	78	510184	53.60	ug/l	99
41) Methacrylonitrile	7.49	41	63067	56.87	ug/l	98
42) 1,2-Dichloroethane	8.40	62	161302	55.00	ug/l	100
43) Isopropyl Acetate	8.43	43	186456	55.67	ug/l	99
44) Trichloroethene	9.10	130	151473	53.56	ug/l	98
45) 1,2-Dichloropropane	9.37	63	122025	54.95	ug/l	100
46) Dibromomethane	9.46	93	78520	55.35	ug/l	99
47) Bromodichloromethane	9.65	83	172196	54.88	ug/l	99
48) Methyl methacrylate	9.45	41	92653	57.59	ug/l	99
49) 1,4-Dioxane	9.46	88	33761	1088.74	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	550022	285.37	ug/l	99
52) Toluene	10.40	92	328818	54.69	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	176496	55.52	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	190624	54.51	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	109759	55.40	ug/l	99
56) Ethyl methacrylate	10.65	69	143895	53.86	ug/l	99
57) 1,3-Dichloropropane	10.95	76	181685	56.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	403664	265.62	ug/l	99
59) 2-Hexanone	10.98	43	409237	242.02	ug/l	99
60) Dibromochloromethane	11.14	129	135142	56.48	ug/l	100
61) 1,2-Dibromoethane	11.24	107	115238	55.83	ug/l	100
64) Tetrachloroethene	10.87	164	190774	67.15	ug/l	99
65) Chlorobenzene	11.67	112	374107	53.27	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	137143	54.38	ug/l	99
67) Ethyl Benzene	11.74	91	650689	54.85	ug/l	100
68) m/p-Xylenes	11.85	106	502929	109.07	ug/l	100
69) o-Xylene	12.18	106	233174	55.14	ug/l	99
70) Styrene	12.19	104	389154	56.46	ug/l	100
71) Bromoform	12.36	173	92740	54.21	ug/l #	99
73) Isopropylbenzene	12.48	105	658570	56.80	ug/l	100
74) N-amyl acetate	12.29	43	159372	56.60	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	139176	56.16	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	108813m	52.40	ug/l	
77) Bromobenzene	12.76	156	163672	55.48	ug/l	100
78) n-propylbenzene	12.82	91	781667	55.88	ug/l	99
79) 2-Chlorotoluene	12.91	91	436924	55.36	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	558256	56.59	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	41497	50.12	ug/l	99
82) 4-Chlorotoluene	13.01	91	460548	54.93	ug/l	100
83) tert-Butylbenzene	13.23	119	495713	57.35	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	565303	56.67	ug/l	99
85) sec-Butylbenzene	13.40	105	700515	56.16	ug/l	100
86) p-Isopropyltoluene	13.52	119	624093	56.41	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	316464	54.08	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	315926	53.99	ug/l	98
89) n-Butylbenzene	13.84	91	572872	55.12	ug/l	99
90) Hexachloroethane	14.11	117	112940	54.92	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	290085	55.04	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	30506	55.78	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	215269	54.80	ug/l	100
94) Hexachlorobutadiene	15.26	225	132193	53.09	ug/l	99
95) Naphthalene	15.39	128	494521	59.64	ug/l	100
96) 1,2,3-Trichlorobenzene	15.58	180	199058	55.09	ug/l	99

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

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