

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002566.D
 Acq On : 15 May 2018 23:16
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 5/16/2018 12:27:02 PM

Quant Time: May 16 07:23:44 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 03:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	207467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	313949	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	294244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	164759	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	116699	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	
35) Dibromofluoromethane	7.88	113	104042	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
50) Toluene-d8	10.33	98	396718	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
62) 4-Bromofluorobenzene	12.63	95	145491	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	42420	52.99	ug/l	96
3) Chloromethane	2.21	50	80498	52.57	ug/l	99
4) Vinyl Chloride	2.36	62	131733	54.86	ug/l	98
5) Bromomethane	2.77	94	102120	51.86	ug/l	98
6) Chloroethane	2.92	64	87151	52.74	ug/l	96
7) Trichlorofluoromethane	3.24	101	45587	43.08	ug/l	97
8) Diethyl Ether	3.67	74	78469	61.97	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.04	101	90218	51.47	ug/l	100
10) Methyl Iodide	4.26	142	145271	52.00	ug/l	99
11) Tert butyl alcohol	5.20	59	42909	260.37	ug/l	98
12) 1,1-Dichloroethene	4.03	96	89515	51.59	ug/l	95
13) Acrolein	3.89	56	43482	267.82	ug/l	99
14) Allyl chloride	4.65	41	117956	45.81	ug/l	99
15) Acrylonitrile	5.37	53	128901	282.29	ug/l	98
16) Acetone	4.12	43	108990	240.80	ug/l	98
17) Carbon Disulfide	4.37	76	233859	48.98	ug/l	100
18) Methyl Acetate	4.67	43	76992	58.35	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	182500	57.24	ug/l	99
20) Methylene Chloride	4.91	84	98389	54.91	ug/l	97
21) trans-1,2-Dichloroethene	5.40	96	97165	51.80	ug/l	97
22) Diisopropyl ether	6.31	45	304048	53.30	ug/l	100
23) Vinyl Acetate	6.25	43	944956	273.35	ug/l	99
24) 1,1-Dichloroethane	6.21	63	181356	52.75	ug/l	99
25) 2-Butanone	7.18	43	180947	282.71	ug/l	99
26) 2,2-Dichloropropane	7.17	77	84028	43.62	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	112826	52.72	ug/l	99
28) Bromochloromethane	7.51	49	81171	52.90	ug/l	99
29) Tetrahydrofuran	7.53	42	116309	290.90	ug/l	99
30) Chloroform	7.67	83	195576	53.28	ug/l	94
31) Cyclohexane	7.95	56	143018	46.96	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	141352	51.05	ug/l	99
36) 1,1-Dichloropropene	8.08	75	142055	51.28	ug/l	99
37) Ethyl Acetate	7.26	43	77451	56.37	ug/l	100
38) Carbon Tetrachloride	8.07	117	138585	51.09	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	159682	50.32	ug/l	98
40) Benzene	8.32	78	414137	52.06	ug/l	100
41) Methacrylonitrile	7.48	41	43352	56.37	ug/l	99
42) 1,2-Dichloroethane	8.40	62	137923	54.60	ug/l	99
43) Isopropyl Acetate	8.43	43	147157	55.68	ug/l	99
44) Trichloroethene	9.09	130	113244	51.95	ug/l	96
45) 1,2-Dichloropropane	9.37	63	108147	53.36	ug/l	99
46) Dibromomethane	9.46	93	62447	54.14	ug/l	97
47) Bromodichloromethane	9.65	83	147492	54.83	ug/l	100
48) Methyl methacrylate	9.45	41	77525	60.55	ug/l	94
49) 1,4-Dioxane	9.45	88	22342	1162.31	ug/l	93
51) 4-Methyl-2-Pentanone	10.22	43	419784	289.30	ug/l	100
52) Toluene	10.39	92	266479	52.99	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	147725	54.31	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	163717	53.99	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	89777	55.25	ug/l	97
56) Ethyl methacrylate	10.65	69	116999	59.08	ug/l	97
57) 1,3-Dichloropropane	10.94	76	149086	55.32	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	261551	269.04	ug/l	100
59) 2-Hexanone	10.98	43	296245	295.73	ug/l	99
60) Dibromochloromethane	11.13	129	106858	55.73	ug/l	99
61) 1,2-Dibromoethane	11.24	107	87453	55.76	ug/l	100
64) Tetrachloroethene	10.87	164	118937	57.35	ug/l	97
65) Chlorobenzene	11.66	112	310811	53.03	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	112630	53.69	ug/l	99
67) Ethyl Benzene	11.74	91	530128	53.22	ug/l	100
68) m/p-Xylenes	11.85	106	412968	106.64	ug/l	100
69) o-Xylene	12.18	106	198643	53.98	ug/l	99
70) Styrene	12.19	104	335406	54.77	ug/l	99
71) Bromoform	12.35	173	70051	56.83	ug/l	100
73) Isopropylbenzene	12.48	105	534234	52.60	ug/l	100
74) N-amyl acetate	12.28	43	147504	57.01	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	112128	54.49	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	82692m	53.10	ug/l	
77) Bromobenzene	12.76	156	138717	53.53	ug/l	98
78) n-propylbenzene	12.82	91	648623	52.88	ug/l	99
79) 2-Chlorotoluene	12.90	91	369131	53.00	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	461509	53.25	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	30945	54.17	ug/l	99
82) 4-Chlorotoluene	13.00	91	399264	53.01	ug/l	99
83) tert-Butylbenzene	13.22	119	401182	53.60	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	483578	53.75	ug/l	100
85) sec-Butylbenzene	13.40	105	569870	52.99	ug/l	100
86) p-Isopropyltoluene	13.51	119	520054	53.76	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	275950	52.65	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	276036	52.94	ug/l	99
89) n-Butylbenzene	13.84	91	489200	53.47	ug/l	99
90) Hexachloroethane	14.10	117	93642	54.06	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	254162	53.45	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	20832	57.38	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	185877	53.69	ug/l	99
94) Hexachlorobutadiene	15.26	225	100860	52.36	ug/l	99
95) Naphthalene	15.38	128	364638	57.93	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	167249	53.99	ug/l	99

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

