

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002527.D
 Acq On : 14 May 2018 22:06
 Operator : JC/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
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 5/15/2018 6:11:31 PM

Quant Time: May 15 03:18:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 02:22:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	236592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	348188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	324810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	179800	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	120742	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
35) Dibromofluoromethane	7.88	113	110761	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
50) Toluene-d8	10.33	98	425217	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
62) 4-Bromofluorobenzene	12.63	95	154134	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	

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Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	44415	49.99	ug/l	100
3) Chloromethane	2.21	50	80007	44.75	ug/l	100
4) Vinyl Chloride	2.36	62	129611	44.20	ug/l	100
5) Bromomethane	2.77	94	104182	43.85	ug/l	100
6) Chloroethane	2.92	64	89444	44.79	ug/l	100
7) Trichlorofluoromethane	3.25	101	61582	50.41	ug/l	100
8) Diethyl Ether	3.67	74	68556	49.82	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	99442	46.60	ug/l	100
10) Methyl Iodide	4.26	142	154487	44.99	ug/l	100
11) Tert butyl alcohol	5.18	59	47513	254.69	ug/l	100
12) 1,1-Dichloroethene	4.03	96	94106	44.71	ug/l	100
13) Acrolein	3.88	56	45926	287.81	ug/l	100
14) Allyl chloride	4.65	41	144980	46.70	ug/l	100
15) Acrylonitrile	5.37	53	132293	245.85	ug/l	100
16) Acetone	4.12	43	125060	251.24	ug/l	100
17) Carbon Disulfide	4.37	76	261110	43.05	ug/l	100
18) Methyl Acetate	4.67	43	75115	50.47	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	183521	49.15	ug/l	100
20) Methylene Chloride	4.90	84	102920	44.03	ug/l	100
21) trans-1,2-Dichloroethene	5.41	96	104584	45.97	ug/l	100
22) Diisopropyl ether	6.31	45	322444	47.21	ug/l	100
23) Vinyl Acetate	6.25	43	1010044	245.88	ug/l	100
24) 1,1-Dichloroethane	6.21	63	190035	46.01	ug/l	100
25) 2-Butanone	7.17	43	187344	254.97	ug/l	100
26) 2,2-Dichloropropane	7.17	77	104085	49.72	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	118399	45.99	ug/l	100
28) Bromochloromethane	7.51	49	85750	45.63	ug/l	100
29) Tetrahydrofuran	7.53	42	118186	246.52	ug/l	100
30) Chloroform	7.67	83	202128	46.63	ug/l	100
31) Cyclohexane	7.95	56	161040	43.79	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	157978	48.30	ug/l	100
36) 1,1-Dichloropropene	8.08	75	154513	49.20	ug/l	100
37) Ethyl Acetate	7.26	43	78946	51.11	ug/l	100
38) Carbon Tetrachloride	8.07	117	152964	50.20	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	178518	48.86	ug/l	100
40) Benzene	8.32	78	436622	47.80	ug/l	100
41) Methacrylonitrile	7.49	41	44003	50.74	ug/l	100
42) 1,2-Dichloroethane	8.40	62	138915	48.48	ug/l	100
43) Isopropyl Acetate	8.43	43	151901	51.85	ug/l	100
44) Trichloroethene	9.09	130	119343	47.79	ug/l	100
45) 1,2-Dichloropropane	9.37	63	111975	48.67	ug/l	100
46) Dibromomethane	9.46	93	64036	49.65	ug/l	100
47) Bromodichloromethane	9.65	83	151026	49.72	ug/l	100
48) Methyl methacrylate	9.44	41	73629	51.84	ug/l	100
49) 1,4-Dioxane	9.45	88	21812	1048.17	ug/l	100
51) 4-Methyl-2-Pentanone	10.22	43	423616	261.00	ug/l	100
52) Toluene	10.39	92	280313	48.32	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	156109	51.86	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	170712	49.92	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	90217	49.63	ug/l	100
56) Ethyl methacrylate	10.65	69	116915	51.95	ug/l	100
57) 1,3-Dichloropropane	10.94	76	153046	49.61	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	282762	258.47	ug/l	100
59) 2-Hexanone	10.98	43	298313	268.25	ug/l	100
60) Dibromochloromethane	11.13	129	109098	50.79	ug/l	100
61) 1,2-Dibromoethane	11.24	107	87461	49.38	ug/l	100
64) Tetrachloroethene	10.87	164	112291	45.54	ug/l	100
65) Chlorobenzene	11.66	112	318542	48.26	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	116327	49.32	ug/l	100
67) Ethyl Benzene	11.74	91	558104	49.08	ug/l	100
68) m/p-Xylenes	11.85	106	432612	98.68	ug/l	100
69) o-Xylene	12.18	106	205564	49.28	ug/l	100
70) Styrene	12.19	104	342823	49.54	ug/l	100
71) Bromoform	12.36	173	70273	51.55	ug/l	100
73) Isopropylbenzene	12.48	105	565521	48.60	ug/l	100
74) N-amyl acetate	12.28	43	149904	51.05	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	115222	50.67	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	87219m	52.49	ug/l	
77) Bromobenzene	12.76	156	141176	48.08	ug/l	100
78) n-propylbenzene	12.82	91	681670	49.41	ug/l	100
79) 2-Chlorotoluene	12.90	91	381987	48.17	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	484238	49.43	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	32668	53.43	ug/l	100
82) 4-Chlorotoluene	13.00	91	410559	48.60	ug/l	100
83) tert-Butylbenzene	13.22	119	419649	49.84	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	507095	49.91	ug/l	100
85) sec-Butylbenzene	13.40	105	607295	50.37	ug/l	100
86) p-Isopropyltoluene	13.51	119	550111	50.92	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	283024	48.71	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	281362	48.47	ug/l	100
89) n-Butylbenzene	13.84	91	517487	51.21	ug/l	100
90) Hexachloroethane	14.11	117	97101	50.30	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	259445	49.04	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.50	75	20585	52.32	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	190699	50.28	ug/l	100
94) Hexachlorobutadiene	15.26	225	106595	50.48	ug/l	100
95) Naphthalene	15.38	128	370449	52.91	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	170660	50.15	ug/l	100

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

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