

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT050818\
 Data File : VT019046.D
 Acq On : 8 May 2018 20:21
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5mL/MSVOA T/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICC150

Quant Time: May 09 04:20:21 2018
 Quant Method : W:\HPCHEM1\MSVOA_T\METHODS\2015\82T050818S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 09 03:54:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.44	168	1454947	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	8.38	114	2426515	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	2064896	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	972850	50.00	ug/l	0.00

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.80	65	2006026	168.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	337.06%	
34) Dibromofluoromethane	7.35	113	2019968	153.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	307.42%	
49) Toluene-d8	9.91	98	7590702	131.39	ug/l	0.01
Spiked Amount	50.000		Recovery	=	262.78%	
61) 4-Bromofluorobenzene	12.22	95	3202507	160.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	320.28%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.78	85	2705617	200.01	ug/l	97
3) Chloromethane	1.96	50	1047245	83.81	ug/l	96
4) Vinyl Chloride	2.10	62	1698416	126.56	ug/l	98
5) Bromomethane	2.46	94	1227604	163.58	ug/l	100
6) Chloroethane	2.57	64	1010759	144.77	ug/l	100
7) Trichlorofluoromethane	2.91	101	3788362m	245.61	ug/l	
8) Diethyl Ether	3.20	74	656300	117.72	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.59	101	1827245	137.44	ug/l	98
10) Methyl Iodide	3.76	142	2741207	132.76	ug/l	95
11) Tert butyl alcohol	4.55	59	532605	836.70	ug/l	98
12) 1,1-Dichloroethene	3.56	96	1762895	128.16	ug/l	96
13) Acrolein	3.39	56	253708	288.79	ug/l	99
14) Allyl chloride	4.05	41	3732077m	155.12	ug/l	
15) Acrylonitrile	4.69	53	2014922	700.02	ug/l	96
16) Acetone	3.59	43	1025405	356.78	ug/l #	90
17) Carbon Disulfide	3.90	76	7781502m	205.86	ug/l	
18) Methyl Acetate	4.08	43	1071255	87.41	ug/l	99
19) Methyl tert-butyl Ether	4.75	73	4694410	180.25	ug/l	98
20) Methylene Chloride	4.33	84	2187585m	136.60	ug/l	
21) trans-1,2-Dichloroethene	4.74	96	2565522	173.50	ug/l	97
22) Diisopropyl ether	5.67	45	6839999	160.95	ug/l	98
23) Vinyl Acetate	5.61	43	14633174	926.60	ug/l #	93
24) 1,1-Dichloroethane	5.56	63	4838360	192.51	ug/l	100
25) 2-Butanone	6.57	43	2281959	581.55	ug/l	94
26) 2,2-Dichloropropane	6.55	77	1837638	155.34	ug/l	97
27) cis-1,2-Dichloroethene	6.55	96	2654317	183.83	ug/l	96
28) Bromochloromethane	6.93	49	1525330	148.48	ug/l	95
29) Chloroform	7.13	83	4532263	196.94	ug/l	99
30) Cyclohexane	7.43	56	4918810	171.97	ug/l	99
31) 1,1,1-Trichloroethane	7.33	97	3633120	206.26	ug/l	93
35) 1,1-Dichloropropene	7.56	75	4143987	172.86	ug/l	99
36) Ethyl Acetate	6.67	43	1112426	125.53	ug/l	99
37) Carbon Tetrachloride	7.54	117	3568463	177.90	ug/l	98
38) Methylcyclohexane	8.88	83	5076381	165.72	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Benzene	7.82	78	9679224	146.08	ug/l #	90
40) Methacrylonitrile	6.92	41	596294	114.00	ug/l	98
41) 1,2-Dichloroethane	7.91	62	2336432	146.56	ug/l	100
42) Isopropyl Acetate	7.96	43	2022081	139.16	ug/l	96
43) Trichloroethene	8.63	130	2544441	151.44	ug/l	99
44) 1,2-Dichloropropane	8.92	63	2480849	161.59	ug/l	99
45) Dibromomethane	9.01	93	1022785	151.78	ug/l	96
46) Bromodichloromethane	9.21	83	3018356	172.12	ug/l	97
47) Methyl methacrylate	9.01	41	1028010	124.76	ug/l	96
48) 1,4-Dioxane	9.01	88	230960	2543.19	ug/l	93
50) 4-Methyl-2-Pentanone	9.80	43	4703725	545.75	ug/l	92
51) Toluene	9.97	92	5883148	143.17	ug/l #	73
52) t-1,3-Dichloropropene	10.19	75	2843703	168.28	ug/l	98
53) cis-1,3-Dichloropropene	9.65	75	3539963	165.97	ug/l	98
54) 1,1,2-Trichloroethane	10.38	97	1478148	146.88	ug/l	97
55) Ethyl methacrylate	10.25	69	2031878	165.53	ug/l	98
56) 1,3-Dichloropropane	10.53	76	2762939	158.17	ug/l	94
57) 2-Chloroethyl Vinyl ether	9.51	63	4088446	799.54	ug/l	95
58) 2-Hexanone	10.57	43	3465164	532.38	ug/l	91
59) Dibromochloromethane	10.73	129	1684359	145.07	ug/l	98
60) 1,2-Dibromoethane	10.82	107	1371079	147.74	ug/l	99
63) Tetrachloroethene	10.45	164	2263435	150.30	ug/l	98
64) Chlorobenzene	11.25	112	5817536	130.80	ug/l	92
65) 1,1,1,2-Tetrachloroethane	11.33	131	2134755	152.66	ug/l	98
66) Ethyl Benzene	11.33	91	9174393	118.23	ug/l #	71
67) m/p-Xylenes	11.45	106	7798414m	251.58	ug/l	
68) o-Xylene	11.77	106	4062844	143.84	ug/l	66
69) Stvrene	11.79	104	5896253	125.39	ug/l	89
70) Bromoform	11.95	173	880470	123.80	ug/l	98
72) Isopropylbenzene	12.08	105	9149810	127.37	ug/l #	69
73) N-amyl acetate	11.90	43	2070268	150.74	ug/l	96
74) 1,1,2,2-Tetrachloroethane	12.32	83	1695104	154.78	ug/l	95
75) 1,2,3-Trichloropropane	12.37	75	1316164m	171.26	ug/l	
76) Bromobenzene	12.35	156	2375046	148.87	ug/l	97
77) n-propylbenzene	12.42	91	10097448	116.50	ug/l #	59
78) 2-Chlorotoluene	12.49	91	7510732	154.31	ug/l	85
79) 1,3,5-Trimethylbenzene	12.56	105	8275243	133.90	ug/l	73
80) trans-1,4-Dichloro-2-buten	12.12	75	545793	162.77	ug/l	98
81) 4-Chlorotoluene	12.60	91	8874791	151.88	ug/l	80
82) tert-Butylbenzene	12.82	119	7849623m	143.11	ug/l	
83) 1,2,4-Trimethylbenzene	12.87	105	8096863	129.80	ug/l	72
84) sec-Butylbenzene	13.00	105	9401948	121.00	ug/l #	69
85) p-Isopropyltoluene	13.12	119	8179181	119.69	ug/l #	72
86) 1,3-Dichlorobenzene	13.11	146	4500884	135.74	ug/l	96
87) 1,4-Dichlorobenzene	13.19	146	4506831	136.62	ug/l	93
88) n-Butylbenzene	13.44	91	8682655	137.00	ug/l #	70
89) Hexachloroethane	13.70	117	2017099	180.86	ug/l	98
90) 1,2-Dichlorobenzene	13.47	146	3994339	139.88	ug/l	98
91) 1,2-Dibromo-3-Chloropropan	14.09	75	271102	163.31	ug/l	91
92) 1,2,4-Trichlorobenzene	14.73	180	2877448	150.66	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Hexachlorobutadiene	14.83	225	2125932	169.24	ug/l	96
94) Naphthalene	14.94	128	4575728	145.63	ug/l	96
95) 1,2,3-Trichlorobenzene	15.12	180	2321102	142.01	ug/l	98

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

