

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT050818\
 Data File : VT019047.D
 Acq On : 9 May 2018 00:58
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00µ/5mL/MSVOA T/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 ICSVV050818

Quant Time: May 09 04:41:30 2018
 Quant Method : W:\HPCHEM1\MSVOA_T\METHODS\2015\82T050818S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 09 04:36:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.44	168	1464322	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	8.38	114	2462495	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	2066544	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	954897	50.00	ug/l	0.00

System Monitoring Compounds

32) 1,2-Dichloroethane-d4	7.80	65	678039	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
34) Dibromofluoromethane	7.35	113	696736	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
49) Toluene-d8	9.90	98	3081009	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
61) 4-Bromofluorobenzene	12.22	95	1122386	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.78	85	917815	48.99	ug/l	99
3) Chloromethane	1.96	50	382767	59.96	ug/l	97
4) Vinyl Chloride	2.11	62	603709	58.44	ug/l	93
5) Bromomethane	2.46	94	401969	47.68	ug/l	100
6) Chloroethane	2.59	64	339246	53.53	ug/l	96
7) Trichlorofluoromethane	2.93	101	1214311m	43.78	ug/l	
8) Diethyl Ether	3.21	74	229439	54.50	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.60	101	649781	48.33	ug/l	98
10) Methyl Iodide	3.77	142	935941	47.97	ug/l	89
11) Tert butyl alcohol	4.54	59	166969	237.52	ug/l #	94
12) 1,1-Dichloroethene	3.56	96	628077	52.62	ug/l	97
13) Acrolein	3.39	56	90197	262.84	ug/l	88
14) Allyl chloride	4.05	41	1254331m	48.70	ug/l	
15) Acrylonitrile	4.70	53	718742	265.42	ug/l	94
16) Acetone	3.59	43	356030	241.29	ug/l	97
17) Carbon Disulfide	3.90	76	2703678m	54.87	ug/l	
18) Methyl Acetate	4.08	43	362240	47.79	ug/l	94
19) Methyl tert-butyl Ether	4.76	73	1563029	52.25	ug/l	95
20) Methylene Chloride	4.34	84	758736m	47.74	ug/l	
21) trans-1,2-Dichloroethene	4.74	96	875963	49.70	ug/l	97
22) Diisopropyl ether	5.67	45	2412694	50.50	ug/l	98
23) Vinyl Acetate	5.61	43	5313153	250.57	ug/l	100
24) 1,1-Dichloroethane	5.56	63	1644423	49.23	ug/l	98
25) 2-Butanone	6.57	43	788894	237.42	ug/l	92
26) 2,2-Dichloropropane	6.55	77	597409	44.33	ug/l	99
27) cis-1,2-Dichloroethene	6.55	96	894481	51.66	ug/l	98
28) Bromochloromethane	6.94	49	533244	48.08	ug/l	98
29) Chloroform	7.13	83	1530560	48.96	ug/l	97
30) Cyclohexane	7.41	56	1687133	46.60	ug/l	93
31) 1,1,1-Trichloroethane	7.33	97	1163892	48.19	ug/l	97
35) 1,1-Dichloropropene	7.56	75	1387307	48.90	ug/l	99
36) Ethyl Acetate	6.67	43	343320	46.94	ug/l	97
37) Carbon Tetrachloride	7.54	117	1095987	47.26	ug/l	96
38) Methylcyclohexane	8.88	83	1744743	51.51	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Benzene	7.82	78	3640528	49.11	ug/l	98
40) Methacrylonitrile	6.92	41	188805	46.74	ug/l #	96
41) 1,2-Dichloroethane	7.91	62	756502	46.98	ug/l	98
42) Isopropyl Acetate	7.96	43	634260	50.37	ug/l	97
43) Trichloroethene	8.63	130	819491	48.06	ug/l	95
44) 1,2-Dichloropropane	8.92	63	843431	48.53	ug/l	99
45) Dibromomethane	9.01	93	320315	46.88	ug/l	96
46) Bromodichloromethane	9.21	83	958950	48.30	ug/l	99
47) Methyl methacrylate	9.01	41	335904	51.61	ug/l	97
48) 1,4-Dioxane	9.01	88	82032	1044.71	ug/l	91
50) 4-Methyl-2-Pentanone	9.80	43	1745167	252.75	ug/l	96
51) Toluene	9.97	92	2147044	50.11	ug/l	98
52) t-1,3-Dichloropropene	10.19	75	891938	49.40	ug/l	96
53) cis-1,3-Dichloropropene	9.65	75	1172795	51.00	ug/l	94
54) 1,1,2-Trichloroethane	10.38	97	492855	47.51	ug/l	99
55) Ethyl methacrylate	10.25	69	662374	53.29	ug/l	98
56) 1,3-Dichloropropane	10.53	76	904216	48.72	ug/l	94
57) 2-Chloroethyl Vinyl ether	9.51	63	1566254	273.44	ug/l	100
58) 2-Hexanone	10.57	43	1235757	246.83	ug/l	95
59) Dibromochloromethane	10.73	129	515067	47.74	ug/l	97
60) 1,2-Dibromoethane	10.82	107	425958	47.50	ug/l	92
63) Tetrachloroethene	10.45	164	741984	52.47	ug/l	98
64) Chlorobenzene	11.25	112	2086840	48.75	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.33	131	665033	47.87	ug/l	98
66) Ethyl Benzene	11.33	91	4245739	51.72	ug/l	97
67) m/p-Xylenes	11.45	106	3132622	102.64	ug/l	97
68) o-Xylene	11.77	106	1452660	50.73	ug/l	98
69) Stvrene	11.78	104	2259947	50.97	ug/l #	89
70) Bromoform	11.95	173	256154	48.52	ug/l	96
72) Isopropylbenzene	12.08	105	4156687	53.92	ug/l	99
73) N-amyl acetate	11.90	43	682180	53.67	ug/l	96
74) 1,1,2,2-Tetrachloroethane	12.32	83	554324	48.86	ug/l	95
75) 1,2,3-Trichloropropane	12.37	75	426977m	52.57	ug/l	
76) Bromobenzene	12.35	156	776981	50.89	ug/l	99
77) n-propylbenzene	12.42	91	5154177	48.81	ug/l	98
78) 2-Chlorotoluene	12.49	91	2976268	52.60	ug/l	99
79) 1,3,5-Trimethylbenzene	12.56	105	3574379	53.40	ug/l	99
80) trans-1,4-Dichloro-2-buten	12.12	75	160562	52.56	ug/l	94
81) 4-Chlorotoluene	12.60	91	3513344	51.10	ug/l	98
82) tert-Butylbenzene	12.82	119	3140585m	53.84	ug/l	
83) 1,2,4-Trimethylbenzene	12.86	105	3628269	53.46	ug/l	96
84) sec-Butylbenzene	13.00	105	4400179	53.54	ug/l	98
85) p-Isopropyltoluene	13.12	119	3743650	54.19	ug/l	99
86) 1,3-Dichlorobenzene	13.11	146	1615101	50.14	ug/l	98
87) 1,4-Dichlorobenzene	13.19	146	1564172	49.96	ug/l	99
88) n-Butylbenzene	13.44	91	3927491	53.05	ug/l	98
89) Hexachloroethane	13.70	117	607488	50.69	ug/l	100
90) 1,2-Dichlorobenzene	13.47	146	1364691	50.68	ug/l	98
91) 1,2-Dibromo-3-Chloropropan	14.09	75	87427	53.47	ug/l	87
92) 1,2,4-Trichlorobenzene	14.73	180	917625	50.99	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Hexachlorobutadiene	14.83	225	668887	50.88	ug/l	97
94) Naphthalene	14.94	128	1626379	55.94	ug/l	99
95) 1,2,3-Trichlorobenzene	15.12	180	762507	51.33	ug/l	99

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

