

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092115\
 Data File : VD046798.D
 Acq On : 21 Sep 2015 10:36
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00qm/5mL/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/22/2015 12:41:05 PM

Quant Time: Sep 22 01:26:50 2015
 Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 18 15:47:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.29	168	228942	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.42	114	273432	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.57	117	268702	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.90	152	148460	50.00	ug/l	-0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.70	65	111981	47.04	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	94.08%	
35) Dibromofluoromethane	6.19	113	109469	51.17	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	102.34%	
50) Toluene-d8	9.60	98	362126	53.66	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	107.32%	
62) 4-Bromofluorobenzene	12.84	95	147176	54.16	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	108.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.41	85	101701	48.72	ug/l	97
3) Chlorodifluoromethane	1.43	51	73575	41.47	ug/l #	91
4) Chloromethane	1.57	50	59784	44.30	ug/l	98
5) Vinyl Chloride	1.67	62	59541	46.97	ug/l	100
6) Bromomethane	1.97	94	54069	49.20	ug/l	100
7) Chloroethane	2.07	64	36965	46.59	ug/l	97
8) Trichlorofluoromethane	2.32	101	184853	49.30	ug/l	95
9) Diethyl Ether	2.62	74	33729	50.75	ug/l	81
10) 1,1,2-Trichlorotrifluoroet	2.88	101	112514	47.96	ug/l	97
11) Methyl Iodide	3.04	142	125080	45.80	ug/l	95
12) Tert butyl alcohol	3.67	59	15765	201.83	ug/l	97
13) 1,1-Dichloroethene	2.87	96	88196	48.08	ug/l	94
14) Acrolein	2.77	56	32578	267.90	ug/l	90
15) Allyl chloride	3.31	41	178156	47.84	ug/l #	82
16) Acrylonitrile	3.82	53	67734	243.70	ug/l	99
17) Acetone	2.93	43	105533	262.39	ug/l	97
18) Carbon Disulfide	3.12	76	310361	45.17	ug/l	97
19) Methyl Acetate	3.32	43	107947	46.33	ug/l	96
20) Methyl tert-butyl Ether	3.89	73	156089	54.32	ug/l	96
21) Methylene Chloride	3.49	84	99136	45.39	ug/l	90
22) trans-1,2-Dichloroethene	3.88	96	100520	48.60	ug/l	99
23) Diisopropyl ether	4.64	45	323357	52.31	ug/l #	94
24) Vinyl Acetate	4.59	43	347239m	240.23	ug/l	
25) 1,1-Dichloroethane	4.55	63	179144	47.04	ug/l	99
26) 2-Butanone	5.43	43	115919	256.44	ug/l	98
27) 2,2-Dichloropropane	5.40	77	196145	50.13	ug/l	97
28) cis-1,2-Dichloroethene	5.41	96	107952	50.13	ug/l	90
29) Bromochloromethane	5.77	49	66801	44.52	ug/l	96
30) Chloroform	5.96	83	227840	49.32	ug/l	100
31) Cyclohexane	6.25	56	165201	46.23	ug/l	96
32) 1,1,1-Trichloroethane	6.16	97	208800	50.77	ug/l	96
36) 1,1-Dichloropropene	6.41	75	165055	51.65	ug/l	96
37) Ethyl Acetate	5.53	43	54259	52.86	ug/l	97
38) Carbon Tetrachloride	6.39	117	173719	52.31	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.07	83	180114	55.63	ug/l	98
40) Benzene	6.71	78	410642	50.34	ug/l	96
41) Methacrylonitrile	5.74	41	30662	53.26	ug/l #	80
42) 1,2-Dichloroethane	6.81	62	136602	53.91	ug/l	95
43) Isopropyl Acetate	8.39	43	76522	56.55	ug/l	100
44) Trichloroethene	7.73	130	105892	51.85	ug/l	95
45) 1,2-Dichloropropane	8.12	63	103847	51.38	ug/l	99
46) Dibromomethane	8.25	93	59746	52.06	ug/l	96
47) Bromodichloromethane	8.55	83	164154	54.50	ug/l	99
48) Methyl methacrylate	8.07	41	111914	54.10	ug/l	97
49) 1,4-Dioxane	8.27	88	8324	1087.76	ug/l #	86
51) 4-Methyl-2-Pentanone	9.47	43	287654	294.22	ug/l	95
52) Toluene	9.70	92	272204	54.10	ug/l	99
53) t-1,3-Dichloropropene	10.11	75	129689	58.32	ug/l	96
54) cis-1,3-Dichloropropene	9.21	75	161556	56.42	ug/l	93
55) 1,1,2-Trichloroethane	10.38	97	71295	54.72	ug/l	96
56) Ethyl methacrylate	10.22	69	71689	52.81	ug/l	98
57) 1,3-Dichloropropane	10.59	76	131405	54.24	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.01	63	170323	264.75	ug/l	98
59) 2-Hexanone	10.70	43	227994	322.78	ug/l	93
60) Dibromochloromethane	10.87	129	98806	55.26	ug/l	95
61) 1,2-Dibromoethane	11.00	107	70009	54.43	ug/l	99
64) Tetrachloroethene	10.45	164	109479	50.46	ug/l	94
65) Chlorobenzene	11.59	112	279901	49.49	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.71	131	107059	51.54	ug/l	98
67) Ethyl Benzene	11.71	91	597251	52.56	ug/l	100
68) m/p-Xylenes	11.87	106	376682	105.10	ug/l	93
69) o-Xylene	12.27	106	178867	55.44	ug/l	95
70) Styrene	12.30	104	308670	55.18	ug/l	96
71) Bromoform	12.49	173	60396	54.59	ug/l	95
73) Isopropylbenzene	12.66	105	542935	51.88	ug/l	97
74) N-amyl acetate	12.49	43	126540	48.26	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.97	83	83268	49.30	ug/l	98
76) 1,2,3-Trichloropropane	13.02	75	90079	49.85	ug/l	96
77) Bromobenzene	12.96	156	130321	49.52	ug/l	92
78) n-propylbenzene	13.06	91	758365	51.31	ug/l	96
79) 2-Chlorotoluene	13.14	91	413014	50.34	ug/l	97
80) 1,3,5-Trimethylbenzene	13.24	105	425261	50.99	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.73	75	24498	49.32	ug/l	98
82) 4-Chlorotoluene	13.26	91	487802	49.95	ug/l	98
83) tert-Butylbenzene	13.53	119	385408m	51.25	ug/l	
84) 1,2,4-Trimethylbenzene	13.58	105	428974	51.10	ug/l	98
85) sec-Butylbenzene	13.72	105	576896	52.20	ug/l	95
86) p-Isopropyltoluene	13.86	119	451581	51.98	ug/l	99
87) 1,3-Dichlorobenzene	13.83	146	245460	49.99	ug/l	97
88) 1,4-Dichlorobenzene	13.93	146	241388	49.44	ug/l	98
89) n-Butylbenzene	14.21	91	533354	54.39	ug/l	96
90) Hexachloroethane	14.47	117	99627	49.47	ug/l	91
91) 1,2-Dichlorobenzene	14.23	146	207827	50.38	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.88	75	10593	48.80	ug/l	82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.57	180	133719	56.30	ug/l	98
94) Hexachlorobutadiene	15.68	225	100837	51.57	ug/l	94
95) Naphthalene	15.81	128	161763	51.39	ug/l	99
96) 1,2,3-Trichlorobenzene	16.01	180	106070	53.45	ug/l	98

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

