

Data Path : W:\HPCHEM1\MSVOA_D\DATA\VD091815\
 Data File : VD046781.D
 Acq On : 18 Sep 2015 13:15
 Operator : FY/SY
 Sample : VSTDICCC050
 Misc : 5.00gm/5mL/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/21/2015 11:38:44 AM

Quant Time: Sep 18 13:44:18 2015
 Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 18 13:41:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.31	168	204772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.43	114	266559	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.58	117	249275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.92	152	128775	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.71	65	112212	55.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.36%	
35) Dibromofluoromethane	6.22	113	111477	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	
50) Toluene-d8	9.62	98	364355	55.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.12%	
62) 4-Bromofluorobenzene	12.85	95	143877	62.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.54%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.42	85	93562	39.68	ug/l	100
3) Chlorodifluoromethane	1.44	51	81188	39.00	ug/l	93
4) Chloromethane	1.58	50	57910	40.51	ug/l	94
5) Vinyl Chloride	1.68	62	55513	43.19	ug/l	98
6) Bromomethane	1.98	94	51555	45.44	ug/l	99
7) Chloroethane	2.08	64	34903	45.90	ug/l	97
8) Trichlorofluoromethane	2.33	101	161617	50.20	ug/l	98
9) Diethyl Ether	2.63	74	32117	48.01	ug/l	89
10) 1,1,2-Trichlorotrifluoroet	2.90	101	102754	46.43	ug/l	97
11) Methyl Iodide	3.06	142	127484	49.44	ug/l	93
12) Tert butyl alcohol	3.70	59	17017	333.69	ug/l	100
13) 1,1-Dichloroethene	2.88	96	82927	45.75	ug/l	99
14) Acrolein	2.78	56	30148	277.92	ug/l	88
15) Allyl chloride	3.33	41	178085	45.42	ug/l	# 87
16) Acrylonitrile	3.84	53	66462	232.47	ug/l	94
17) Acetone	2.95	43	91807	234.62	ug/l	100
18) Carbon Disulfide	3.13	76	302030	41.77	ug/l	99
19) Methyl Acetate	3.34	43	108401	46.21	ug/l	99
20) Methyl tert-butyl Ether	3.90	73	144481	52.70	ug/l	92
21) Methylene Chloride	3.51	84	96333	45.63	ug/l	92
22) trans-1,2-Dichloroethene	3.89	96	96602	46.68	ug/l	94
23) Diisopropyl ether	4.65	45	310808	47.52	ug/l	92
24) Vinyl Acetate	4.60	43	341142	261.37	ug/l	98
25) 1,1-Dichloroethane	4.56	63	173643	46.04	ug/l	99
26) 2-Butanone	5.45	43	108477	236.76	ug/l	97
27) 2,2-Dichloropropane	5.43	77	176484	50.00	ug/l	98
28) cis-1,2-Dichloroethene	5.43	96	101753	48.07	ug/l	93
29) Bromochloromethane	5.80	49	63202	42.37	ug/l	94
30) Chloroform	5.97	83	210759	49.52	ug/l	98
31) Cyclohexane	6.28	56	154113	41.80	ug/l	88
32) 1,1,1-Trichloroethane	6.19	97	183666	50.66	ug/l	97
36) 1,1-Dichloropropene	6.44	75	158308	48.13	ug/l	98
37) Ethyl Acetate	5.55	43	51689	51.20	ug/l	98
38) Carbon Tetrachloride	6.42	117	156306	50.15	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.08	83	166867	47.67	ug/l	97
40) Benzene	6.72	78	401848	47.97	ug/l	97
41) Methacrylonitrile	5.77	41	30979	48.31	ug/l #	90
42) 1,2-Dichloroethane	6.84	62	124335	51.05	ug/l	96
43) Isopropyl Acetate	8.42	43	71820	50.32	ug/l #	95
44) Trichloroethene	7.76	130	98806	46.01	ug/l	99
45) 1,2-Dichloropropane	8.15	63	100387	47.84	ug/l	100
46) Dibromomethane	8.27	93	56913	52.03	ug/l	90
47) Bromodichloromethane	8.57	83	150257	51.88	ug/l	99
48) Methyl methacrylate	8.08	41	109590	49.09	ug/l	97
49) 1,4-Dioxane	8.30	88	7354	1016.23	ug/l #	80
51) 4-Methyl-2-Pentanone	9.48	43	264727	266.02	ug/l	94
52) Toluene	9.73	92	257526	51.55	ug/l	97
53) t-1,3-Dichloropropene	10.12	75	119232	54.37	ug/l	95
54) cis-1,3-Dichloropropene	9.24	75	147639	51.06	ug/l	94
55) 1,1,2-Trichloroethane	10.40	97	64679	54.53	ug/l	96
56) Ethyl methacrylate	10.24	69	65287	57.26	ug/l	98
57) 1,3-Dichloropropane	10.62	76	123013	54.04	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.04	63	158695	252.24	ug/l	97
59) 2-Hexanone	10.71	43	191609	270.19	ug/l	94
60) Dibromochloromethane	10.89	129	91446	55.38	ug/l	96
61) 1,2-Dibromoethane	11.02	107	66163	57.28	ug/l	99
64) Tetrachloroethene	10.48	164	99725	44.70	ug/l	94
65) Chlorobenzene	11.61	112	264091	48.23	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	97621	48.02	ug/l	98
67) Ethyl Benzene	11.73	91	557831	49.90	ug/l	99
68) m/p-Xylenes	11.89	106	352030	100.71	ug/l	96
69) o-Xylene	12.29	106	162424	52.17	ug/l	91
70) Styrene	12.32	104	278632	52.56	ug/l	96
71) Bromoform	12.51	173	53734	53.13	ug/l	99
73) Isopropylbenzene	12.68	105	491562	49.43	ug/l	98
74) N-amyl acetate	12.51	43	113440	51.49	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.99	83	74750	50.32	ug/l	92
76) 1,2,3-Trichloropropane	13.04	75	80814	50.27	ug/l	97
77) Bromobenzene	12.98	156	118183	48.17	ug/l	94
78) n-propylbenzene	13.08	91	684491	49.73	ug/l	97
79) 2-Chlorotoluene	13.16	91	371217	48.89	ug/l	99
80) 1,3,5-Trimethylbenzene	13.26	105	386767	50.03	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.75	75	21005	51.19	ug/l	96
82) 4-Chlorotoluene	13.28	91	439165	49.44	ug/l	97
83) tert-Butylbenzene	13.54	119	357961m	55.01	ug/l	
84) 1,2,4-Trimethylbenzene	13.59	105	390802	50.52	ug/l	97
85) sec-Butylbenzene	13.74	105	511405	50.98	ug/l	97
86) p-Isopropyltoluene	13.88	119	409017	51.82	ug/l	99
87) 1,3-Dichlorobenzene	13.85	146	219572	49.58	ug/l	97
88) 1,4-Dichlorobenzene	13.94	146	215058	49.13	ug/l	97
89) n-Butylbenzene	14.22	91	463364	52.66	ug/l	98
90) Hexachloroethane	14.48	117	90028	51.07	ug/l	88
91) 1,2-Dichlorobenzene	14.24	146	187383	51.75	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.89	75	9776	53.39	ug/l	82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.58	180	112474	52.31	ug/l	98
94) Hexachlorobutadiene	15.69	225	89645	51.16	ug/l	97
95) Naphthalene	15.83	128	141825	56.92	ug/l	99
96) 1,2,3-Trichlorobenzene	16.03	180	95156	53.32	ug/l	100

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

