

Data Path : W:\HPCHEM1\MSVOA_D\DATA\VD091815\
 Data File : VD046782.D
 Acq On : 18 Sep 2015 13:41
 Operator : FY/SY
 Sample : VSTDICC100
 Misc : 5.00gm/5mL/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 9/21/2015 11:38:51 AM

Quant Time: Sep 18 14:35:44 2015
 Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 18 13:48:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.31	168	221269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.43	114	279295	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.58	117	261413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.93	152	135480	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.72	65	216792	91.56	ug/l	0.01
Spiked Amount	50.000		Recovery	=	183.12%	
35) Dibromofluoromethane	6.22	113	219977	98.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.54%	
50) Toluene-d8	9.63	98	729684	104.21	ug/l	0.01
Spiked Amount	50.000		Recovery	=	208.42%	
62) 4-Bromofluorobenzene	12.85	95	279230	104.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.42	85	194827	79.62	ug/l	99
3) Chlorodifluoromethane	1.44	51	161822	75.67	ug/l	95
4) Chloromethane	1.58	50	118140	82.26	ug/l	98
5) Vinyl Chloride	1.68	62	111879	83.65	ug/l	98
6) Bromomethane	1.97	94	103709	83.72	ug/l	96
7) Chloroethane	2.08	64	69188	86.08	ug/l	99
8) Trichlorofluoromethane	2.33	101	325621	88.97	ug/l	95
9) Diethyl Ether	2.63	74	65126	94.53	ug/l	90
10) 1,1,2-Trichlorotrifluoroet	2.90	101	208696	89.04	ug/l	97
11) Methyl Iodide	3.06	142	272911	106.02	ug/l	98
12) Tert butyl alcohol	3.71	59	30254	267.25	ug/l	96
13) 1,1-Dichloroethene	2.88	96	176200	93.94	ug/l	97
14) Acrolein	2.78	56	61049	483.47	ug/l	88
15) Allyl chloride	3.33	41	362353	93.21	ug/l	88
16) Acrylonitrile	3.84	53	133844	477.00	ug/l	96
17) Acetone	2.95	43	173303	425.32	ug/l	97
18) Carbon Disulfide	3.13	76	613833	85.58	ug/l	99
19) Methyl Acetate	3.34	43	218075	91.31	ug/l	96
20) Methyl tert-butyl Ether	3.90	73	285564	100.09	ug/l	96
21) Methylene Chloride	3.51	84	189119	85.45	ug/l	92
22) trans-1,2-Dichloroethene	3.89	96	190426	89.48	ug/l	97
23) Diisopropyl ether	4.66	45	614628	95.15	ug/l	95
24) Vinyl Acetate	4.60	43	706999m	546.67	ug/l	
25) 1,1-Dichloroethane	4.56	63	349370	89.90	ug/l	100
26) 2-Butanone	5.46	43	211643	451.46	ug/l	95
27) 2,2-Dichloropropane	5.43	77	356566	92.19	ug/l	100
28) cis-1,2-Dichloroethene	5.43	96	205062	92.76	ug/l	94
29) Bromochloromethane	5.80	49	133152	85.02	ug/l	92
30) Chloroform	5.97	83	417282	90.53	ug/l	100
31) Cyclohexane	6.28	56	322769	88.82	ug/l	93
32) 1,1,1-Trichloroethane	6.19	97	373826	93.26	ug/l	98
36) 1,1-Dichloropropene	6.44	75	315287	94.58	ug/l	99
37) Ethyl Acetate	5.55	43	99302	86.46	ug/l	98
38) Carbon Tetrachloride	6.42	117	322754	95.84	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.09	83	349053	103.75	ug/l	94
40) Benzene	6.72	78	793091	91.71	ug/l	99
41) Methacrylonitrile	5.77	41	66297	106.77	ug/l #	88
42) 1,2-Dichloroethane	6.84	62	250937	95.79	ug/l	97
43) Isopropyl Acetate	8.42	43	153102	108.15	ug/l #	97
44) Trichloroethene	7.76	130	209507	97.12	ug/l	96
45) 1,2-Dichloropropane	8.15	63	201685	95.18	ug/l	100
46) Dibromomethane	8.28	93	113211	96.71	ug/l	95
47) Bromodichloromethane	8.57	83	301210	97.56	ug/l #	99
48) Methyl methacrylate	8.08	41	222633	101.04	ug/l	99
49) 1,4-Dioxane	8.30	88	16236	2133.03	ug/l #	87
51) 4-Methyl-2-Pentanone	9.49	43	544376	539.45	ug/l	97
52) Toluene	9.73	92	522020	100.09	ug/l	100
53) t-1,3-Dichloropropene	10.13	75	249986	110.72	ug/l	94
54) cis-1,3-Dichloropropene	9.24	75	311069	105.35	ug/l	95
55) 1,1,2-Trichloroethane	10.41	97	128884	99.33	ug/l	98
56) Ethyl methacrylate	10.25	69	141459	120.57	ug/l	95
57) 1,3-Dichloropropane	10.62	76	246471	100.79	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.04	63	348428m	571.13	ug/l	
59) 2-Hexanone	10.71	43	393147	546.69	ug/l	94
60) Dibromochloromethane	10.89	129	188770	105.41	ug/l	100
61) 1,2-Dibromoethane	11.02	107	131657	103.17	ug/l	97
64) Tetrachloroethene	10.48	164	209059	94.49	ug/l	96
65) Chlorobenzene	11.61	112	531896	94.32	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	194056	92.48	ug/l	99
67) Ethyl Benzene	11.74	91	1115575	98.04	ug/l	97
68) m/p-Xylenes	11.89	106	702331	195.50	ug/l	97
69) o-Xylene	12.29	106	331359	103.93	ug/l	96
70) Styrene	12.32	104	557563	102.02	ug/l	96
71) Bromoform	12.51	173	108448	101.09	ug/l	97
73) Isopropylbenzene	12.68	105	998718	102.41	ug/l	96
74) N-amyl acetate	12.51	43	232372	108.48	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.99	83	147896	96.33	ug/l	95
76) 1,2,3-Trichloropropane	13.04	75	165370	101.19	ug/l	98
77) Bromobenzene	12.98	156	240368	97.25	ug/l	92
78) n-propylbenzene	13.08	91	1370566	100.07	ug/l	98
79) 2-Chlorotoluene	13.17	91	744012	97.11	ug/l	98
80) 1,3,5-Trimethylbenzene	13.26	105	771242	99.37	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.75	75	45986	113.96	ug/l	97
82) 4-Chlorotoluene	13.28	91	873431	96.96	ug/l	95
83) tert-Butylbenzene	13.54	119	703330m	102.65	ug/l	
84) 1,2,4-Trimethylbenzene	13.59	105	761634	96.80	ug/l	98
85) sec-Butylbenzene	13.74	105	1033190	101.09	ug/l	96
86) p-Isopropyltoluene	13.88	119	804132	99.93	ug/l	99
87) 1,3-Dichlorobenzene	13.85	146	436959	95.11	ug/l	97
88) 1,4-Dichlorobenzene	13.95	146	419417	93.71	ug/l	97
89) n-Butylbenzene	14.22	91	924166	102.19	ug/l	98
90) Hexachloroethane	14.49	117	178144	93.40	ug/l	88
91) 1,2-Dichlorobenzene	14.24	146	359754	94.41	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.89	75	19899	94.31	ug/l	71

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.58	180	227262	102.37	ug/l	96
94) Hexachlorobutadiene	15.69	225	172379	96.33	ug/l	97
95) Naphthalene	15.83	128	297320	113.97	ug/l	99
96) 1,2,3-Trichlorobenzene	16.03	180	186857	102.10	ug/l	99

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

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