

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092115\
 Data File : VD046800.D
 Acq On : 21 Sep 2015 12:08
 Operator : FY/SY
 Sample : VD0921SBS01
 Misc : 5.00qm/5mL/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0921SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/22/2015 12:41:09 PM

Quant Time: Sep 22 01:36:20 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	189060	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.42	114	233349	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.56	117	223029	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.91	152	119246	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.70	65	105624	53.73	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	107.46%	
35) Dibromofluoromethane	6.19	113	103902	56.91	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	113.82%	
50) Toluene-d8	9.60	98	345917	60.06	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	120.12%	
62) 4-Bromofluorobenzene	12.84	95	135219	58.31	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	116.62%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.41	85	44796	23.66	ug/l	98
3) Chlorodifluoromethane	1.43	51	34572	20.89	ug/l #	91
4) Chloromethane	1.57	50	24247	21.76	ug/l	100
5) Vinyl Chloride	1.67	62	22612	21.60	ug/l	98
6) Bromomethane	1.96	94	22822	22.96	ug/l	100
7) Chloroethane	2.07	64	14662	22.38	ug/l	100
8) Trichlorofluoromethane	2.32	101	69979	22.60	ug/l	97
9) Diethyl Ether	2.62	74	10472	19.08	ug/l	88
10) 1,1,2-Trichlorotrifluoroet	2.88	101	43064	22.23	ug/l	99
11) Methyl Iodide	3.04	142	37617	17.78	ug/l	98
12) Tert butyl alcohol	3.64	59	8078	86.88	ug/l #	74
13) 1,1-Dichloroethene	2.87	96	32550	21.49	ug/l	97
14) Acrolein	2.77	56	10305	102.62	ug/l	89
15) Allyl chloride	3.31	41	64919	21.11	ug/l	89
16) Acrylonitrile	3.83	53	22513	98.09	ug/l	93
17) Acetone	2.93	43	34508	103.90	ug/l	95
18) Carbon Disulfide	3.12	76	121013	21.33	ug/l	95
19) Methyl Acetate	3.32	43	39006	20.27	ug/l	95
20) Methyl tert-butyl Ether	3.89	73	50023	21.08	ug/l	92
21) Methylene Chloride	3.49	84	36542	20.26	ug/l	91
22) trans-1,2-Dichloroethene	3.88	96	36974	21.65	ug/l	94
23) Diisopropyl ether	4.64	45	109073	21.37	ug/l #	95
24) Vinyl Acetate	4.59	43	98985m	92.74	ug/l	
25) 1,1-Dichloroethane	4.55	63	67022	21.31	ug/l	99
26) 2-Butanone	5.43	43	38063	101.97	ug/l	96
27) 2,2-Dichloropropane	5.41	77	72149	22.33	ug/l	96
28) cis-1,2-Dichloroethene	5.41	96	37946	21.34	ug/l	94
29) Bromochloromethane	5.78	49	25827	20.84	ug/l	94
30) Chloroform	5.96	83	83307	21.84	ug/l	99
31) Cyclohexane	6.26	56	62140	21.06	ug/l	93
32) 1,1,1-Trichloroethane	6.17	97	76587	22.55	ug/l	97
36) 1,1-Dichloropropene	6.41	75	62454	22.90	ug/l	96
37) Ethyl Acetate	5.53	43	17576	20.06	ug/l	98
38) Carbon Tetrachloride	6.39	117	63794	22.51	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.08	83	62468	22.61	ug/l	93
40) Benzene	6.71	78	151080	21.70	ug/l	100
41) Methacrylonitrile	5.75	41	9918	20.19	ug/l #	94
42) 1,2-Dichloroethane	6.81	62	48909	22.62	ug/l	98
43) Isopropyl Acetate	8.40	43	23198	20.09	ug/l #	92
44) Trichloroethene	7.74	130	37306	21.41	ug/l	94
45) 1,2-Dichloropropane	8.13	63	37351	21.66	ug/l	95
46) Dibromomethane	8.25	93	20686	21.12	ug/l	92
47) Bromodichloromethane	8.55	83	56984	22.17	ug/l #	96
48) Methyl methacrylate	8.07	41	41326	23.41	ug/l	89
49) 1,4-Dioxane	8.28	88	2841	435.03	ug/l #	84
51) 4-Methyl-2-Pentanone	9.48	43	87388	104.74	ug/l	92
52) Toluene	9.71	92	96486	22.47	ug/l	96
53) t-1,3-Dichloropropene	10.11	75	40653	21.42	ug/l	94
54) cis-1,3-Dichloropropene	9.22	75	53263	21.79	ug/l	97
55) 1,1,2-Trichloroethane	10.39	97	23919	21.51	ug/l	95
56) Ethyl methacrylate	10.23	69	20505	20.27	ug/l	95
57) 1,3-Dichloropropane	10.60	76	45687	22.10	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.02	63	53017	100.59	ug/l	95
59) 2-Hexanone	10.70	43	62985	104.49	ug/l	93
60) Dibromochloromethane	10.87	129	34644	22.70	ug/l	97
61) 1,2-Dibromoethane	11.01	107	23202	21.14	ug/l	94
64) Tetrachloroethene	10.46	164	40412	22.44	ug/l	90
65) Chlorobenzene	11.59	112	102371	21.81	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.71	131	37652	21.84	ug/l	96
67) Ethyl Benzene	11.72	91	209396	22.20	ug/l	100
68) m/p-Xylenes	11.87	106	136623	45.93	ug/l	91
69) o-Xylene	12.28	106	61432	22.94	ug/l	99
70) Styrene	12.30	104	104772	22.57	ug/l	98
71) Bromoform	12.49	173	18745	20.41	ug/l	92
73) Isopropylbenzene	12.66	105	187129	22.26	ug/l	94
74) N-amyl acetate	12.50	43	34426	19.46	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.98	83	27636	20.37	ug/l	94
76) 1,2,3-Trichloropropane	13.02	75	30479	21.00	ug/l	89
77) Bromobenzene	12.96	156	45645	21.59	ug/l	82
78) n-propylbenzene	13.07	91	274303	23.11	ug/l	96
79) 2-Chlorotoluene	13.15	91	150683	22.86	ug/l	99
80) 1,3,5-Trimethylbenzene	13.24	105	151209	22.57	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.74	75	7214	20.46	ug/l	96
82) 4-Chlorotoluene	13.27	91	175187	22.33	ug/l	99
83) tert-Butylbenzene	13.54	119	140557m	23.27	ug/l	
84) 1,2,4-Trimethylbenzene	13.59	105	150689	22.35	ug/l	98
85) sec-Butylbenzene	13.73	105	207091	23.33	ug/l	95
86) p-Isopropyltoluene	13.86	119	161027	23.08	ug/l	99
87) 1,3-Dichlorobenzene	13.84	146	87629	22.22	ug/l	98
88) 1,4-Dichlorobenzene	13.93	146	86201	21.98	ug/l	97
89) n-Butylbenzene	14.22	91	185974	23.61	ug/l	98
90) Hexachloroethane	14.47	117	35889	22.19	ug/l	100
91) 1,2-Dichlorobenzene	14.24	146	72093	21.76	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.89	75	3606	20.68	ug/l	83

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.57	180	41426	21.72	ug/l	98
94) Hexachlorobutadiene	15.69	225	36172	23.03	ug/l	97
95) Naphthalene	15.81	128	46233	19.82	ug/l	99
96) 1,2,3-Trichlorobenzene	16.01	180	35927	22.54	ug/l	93

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

