

Data Path : W:\HPCHEM1\MSVOA_D\DATA\VD091815\
 Data File : VD046784.D
 Acq On : 18 Sep 2015 15:33
 Operator : FY/SY
 Sample : VSTDICV050
 Misc : 5.00gm/5mL/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICSVVD091815

Manual Integrations
 APPROVED

MMDadoda
 9/21/2015 11:39:03 AM

Quant Time: Sep 18 16:24:19 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	6.31	168	224720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.44	114	288182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.58	117	256564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.92	152	121874	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.72	65	115681	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	6.22	113	121635	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
50) Toluene-d8	9.63	98	398584	56.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.08%	
62) 4-Bromofluorobenzene	12.85	95	147623	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.43	85	98927	48.23	ug/l	99
3) Chlorodifluoromethane	1.44	51	94176	55.99	ug/l	100
4) Chloromethane	1.58	50	69893	52.76	ug/l	98
5) Vinyl Chloride	1.68	62	59719	48.00	ug/l	99
6) Bromomethane	1.98	94	60023	56.23	ug/l	95
7) Chloroethane	2.09	64	35664	45.79	ug/l	93
8) Trichlorofluoromethane	2.33	101	154472	41.97	ug/l	99
9) Diethyl Ether	2.64	74	33870	51.92	ug/l	82
10) 1,1,2-Trichlorotrifluoroet	2.89	101	105055	45.62	ug/l	97
11) Methyl Iodide	3.05	142	114415	42.80	ug/l	99
12) Tert butyl alcohol	3.69	59	19091	272.63	ug/l	98
13) 1,1-Dichloroethene	2.88	96	89781	49.87	ug/l	91
14) Acrolein	2.79	56	34273	287.13	ug/l	# 80
15) Allyl chloride	3.34	41	194386	53.18	ug/l	95
16) Acrylonitrile	3.84	53	74861	274.41	ug/l	93
17) Acetone	2.94	43	91134	230.85	ug/l	99
18) Carbon Disulfide	3.13	76	320718	47.55	ug/l	98
19) Methyl Acetate	3.34	43	118308	51.73	ug/l	97
20) Methyl tert-butyl Ether	3.91	73	146691	52.01	ug/l	94
21) Methylene Chloride	3.51	84	101972	47.57	ug/l	96
22) trans-1,2-Dichloroethene	3.90	96	103775	51.11	ug/l	93
23) Diisopropyl ether	4.66	45	337539	55.63	ug/l	96
24) Vinyl Acetate	4.61	43	357128m	251.00	ug/l	
25) 1,1-Dichloroethane	4.56	63	186587	49.92	ug/l	99
26) 2-Butanone	5.46	43	117551	264.94	ug/l	96
27) 2,2-Dichloropropane	5.43	77	170910	44.50	ug/l	98
28) cis-1,2-Dichloroethene	5.44	96	112142	53.05	ug/l	88
29) Bromochloromethane	5.79	49	78780	53.48	ug/l	100
30) Chloroform	5.98	83	214052	47.21	ug/l	100
31) Cyclohexane	6.28	56	171176	48.81	ug/l	95
32) 1,1,1-Trichloroethane	6.19	97	184900	45.80	ug/l	98
36) 1,1-Dichloropropene	6.43	75	163733	48.62	ug/l	97
37) Ethyl Acetate	5.55	43	55420	51.23	ug/l	98
38) Carbon Tetrachloride	6.41	117	156587	44.74	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.09	83	179390	52.57	ug/l	95
40) Benzene	6.73	78	418503	48.68	ug/l	98
41) Methacrylonitrile	5.76	41	35097	57.84	ug/l #	89
42) 1,2-Dichloroethane	6.84	62	126611	47.41	ug/l	97
43) Isopropyl Acetate	8.41	43	81346	57.04	ug/l #	99
44) Trichloroethene	7.75	130	106697	49.57	ug/l	98
45) 1,2-Dichloropropane	8.15	63	108228	50.81	ug/l	96
46) Dibromomethane	8.28	93	59148	48.91	ug/l	91
47) Bromodichloromethane	8.56	83	151490	47.72	ug/l	100
48) Methyl methacrylate	8.09	41	110325	50.60	ug/l	97
49) 1,4-Dioxane	8.31	88	9056	1122.85	ug/l #	83
51) 4-Methyl-2-Pentanone	9.49	43	293395	284.73	ug/l	94
52) Toluene	9.73	92	271665	51.23	ug/l	97
53) t-1,3-Dichloropropene	10.13	75	122185	52.13	ug/l	96
54) cis-1,3-Dichloropropene	9.23	75	157374	52.14	ug/l	97
55) 1,1,2-Trichloroethane	10.41	97	66277	48.27	ug/l	96
56) Ethyl methacrylate	10.25	69	69858	49.12	ug/l	98
57) 1,3-Dichloropropane	10.61	76	125574	49.18	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.04	63	180155	265.68	ug/l	99
59) 2-Hexanone	10.71	43	204548	274.76	ug/l	94
60) Dibromochloromethane	10.89	129	90740	48.15	ug/l	99
61) 1,2-Dibromoethane	11.03	107	66297	48.90	ug/l	99
64) Tetrachloroethene	10.47	164	106105	51.21	ug/l	93
65) Chlorobenzene	11.61	112	273861	50.72	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	96307	48.56	ug/l	97
67) Ethyl Benzene	11.74	91	561752	51.78	ug/l	99
68) m/p-Xylenes	11.88	106	355052	103.75	ug/l	99
69) o-Xylene	12.30	106	164675	53.46	ug/l	96
70) Styrene	12.32	104	272382	51.00	ug/l	97
71) Bromoform	12.51	173	53182	50.35	ug/l	99
73) Isopropylbenzene	12.67	105	478390	55.68	ug/l	98
74) N-amyl acetate	12.51	43	116085	53.38	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.99	83	70342	50.74	ug/l	95
76) 1,2,3-Trichloropropane	13.04	75	81143	54.71	ug/l	96
77) Bromobenzene	12.98	156	115605	53.51	ug/l	91
78) n-propylbenzene	13.08	91	646140	53.26	ug/l	97
79) 2-Chlorotoluene	13.17	91	358013	53.15	ug/l	99
80) 1,3,5-Trimethylbenzene	13.25	105	365800	53.43	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.74	75	20284	49.71	ug/l	95
82) 4-Chlorotoluene	13.27	91	414384	51.69	ug/l	94
83) tert-Butylbenzene	13.54	119	327546m	53.06	ug/l	
84) 1,2,4-Trimethylbenzene	13.59	105	365659	53.06	ug/l	94
85) sec-Butylbenzene	13.74	105	476478	52.52	ug/l	95
86) p-Isopropyltoluene	13.88	119	369569	51.82	ug/l	98
87) 1,3-Dichlorobenzene	13.85	146	202071	50.13	ug/l	95
88) 1,4-Dichlorobenzene	13.94	146	201921	50.37	ug/l	99
89) n-Butylbenzene	14.22	91	402167	49.95	ug/l	99
90) Hexachloroethane	14.49	117	78773	47.65	ug/l	90
91) 1,2-Dichlorobenzene	14.24	146	168663	49.81	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.89	75	8596	48.24	ug/l	76

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.58	180	98809	50.68	ug/l	98
94) Hexachlorobutadiene	15.69	225	74057	46.14	ug/l	96
95) Naphthalene	15.83	128	127224	49.33	ug/l	98
96) 1,2,3-Trichlorobenzene	16.02	180	81907	50.27	ug/l	98

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

