

Data Path : W:\HPCHEM1\MSVOA_D\DATA\VD091815\
 Data File : VD046783.D
 Acq On : 18 Sep 2015 15:05
 Operator : FY/SY
 Sample : VSTDICC150
 Misc : 5.00gm/5mL/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 9/21/2015 11:38:57 AM

Quant Time: Sep 18 15:28:18 2015
 Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 18 15:30:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.31	168	226796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.44	114	293152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.59	117	268285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.92	152	133047	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.73	65	320277	131.61	ug/l	0.01
Spiked Amount	50.000		Recovery	=	263.22%	
35) Dibromofluoromethane	6.22	113	328556	140.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	280.04%	
50) Toluene-d8	9.62	98	1100128	148.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	296.16%	
62) 4-Bromofluorobenzene	12.86	95	424377	143.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	287.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.42	85	288673	118.01	ug/l	97
3) Chlorodifluoromethane	1.43	51	234903	112.70	ug/l	94
4) Chloromethane	1.58	50	179635	131.64	ug/l	98
5) Vinyl Chloride	1.68	62	163780	126.22	ug/l	97
6) Bromomethane	1.97	94	152084	123.29	ug/l	100
7) Chloroethane	2.08	64	105309	131.81	ug/l	100
8) Trichlorofluoromethane	2.33	101	485656	129.23	ug/l	100
9) Diethyl Ether	2.64	74	100467	147.91	ug/l	85
10) 1,1,2-Trichlorotrifluoroet	2.89	101	319660	135.49	ug/l	97
11) Methyl Iodide	3.06	142	413352	167.63	ug/l	97
12) Tert butyl alcohol	3.70	59	43511	367.97	ug/l	98
13) 1,1-Dichloroethene	2.88	96	263635	141.36	ug/l	94
14) Acrolein	2.78	56	85891	683.67	ug/l	91
15) Allyl chloride	3.34	41	551284	147.76	ug/l	89
16) Acrylonitrile	3.85	53	207064	758.40	ug/l	93
17) Acetone	2.95	43	302538	767.94	ug/l	98
18) Carbon Disulfide	3.14	76	914988	132.70	ug/l	98
19) Methyl Acetate	3.35	43	329344	140.15	ug/l	98
20) Methyl tert-butyl Ether	3.91	73	446791	156.57	ug/l	95
21) Methylene Chloride	3.51	84	288837	132.46	ug/l	92
22) trans-1,2-Dichloroethene	3.90	96	300911	143.16	ug/l	91
23) Diisopropyl ether	4.67	45	946732	151.84	ug/l	95
24) Vinyl Acetate	4.61	43	1128685m	889.02	ug/l	
25) 1,1-Dichloroethane	4.57	63	534431	140.01	ug/l	99
26) 2-Butanone	5.45	43	342782	754.85	ug/l	97
27) 2,2-Dichloropropane	5.44	77	548794	139.76	ug/l	98
28) cis-1,2-Dichloroethene	5.44	96	320268	147.19	ug/l	92
29) Bromochloromethane	5.80	49	205740	134.07	ug/l	91
30) Chloroform	5.98	83	634569	136.77	ug/l	99
31) Cyclohexane	6.28	56	489085	137.35	ug/l	91
32) 1,1,1-Trichloroethane	6.19	97	583086	142.25	ug/l	96
36) 1,1-Dichloropropene	6.44	75	480405	139.32	ug/l	96
37) Ethyl Acetate	5.55	43	158591	132.74	ug/l	98
38) Carbon Tetrachloride	6.42	117	497925	139.34	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.09	83	559475	160.51	ug/l	96
40) Benzene	6.73	78	1201759	135.06	ug/l	99
41) Methacrylonitrile	5.77	41	102472	162.38	ug/l #	90
42) 1,2-Dichloroethane	6.84	62	381113	137.44	ug/l	99
43) Isopropyl Acetate	8.42	43	253759	172.71	ug/l #	99
44) Trichloroethene	7.76	130	329951	148.10	ug/l	97
45) 1,2-Dichloropropane	8.16	63	312321	143.04	ug/l	98
46) Dibromomethane	8.27	93	178899	144.78	ug/l	93
47) Bromodichloromethane	8.57	83	472404	145.29	ug/l	99
48) Methyl methacrylate	8.09	41	349024	153.02	ug/l	98
49) 1,4-Dioxane	8.30	88	26600	3298.58	ug/l #	87
51) 4-Methyl-2-Pentanone	9.49	43	886920	837.62	ug/l	96
52) Toluene	9.73	92	819208	148.63	ug/l	97
53) t-1,3-Dichloropropene	10.13	75	402060	167.82	ug/l	94
54) cis-1,3-Dichloropropene	9.24	75	488838	158.13	ug/l	98
55) 1,1,2-Trichloroethane	10.40	97	204402	145.65	ug/l	98
56) Ethyl methacrylate	10.25	69	231642	183.99	ug/l	99
57) 1,3-Dichloropropane	10.62	76	394592	150.48	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.04	63	514058	811.27	ug/l	99
59) 2-Hexanone	10.72	43	656137	869.38	ug/l	93
60) Dibromochloromethane	10.90	129	289232	149.66	ug/l	99
61) 1,2-Dibromoethane	11.02	107	206658	148.92	ug/l	95
64) Tetrachloroethene	10.48	164	327333	149.24	ug/l	93
65) Chlorobenzene	11.62	112	826011	145.08	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	307267	146.64	ug/l	99
67) Ethyl Benzene	11.73	91	1728234	151.24	ug/l	99
68) m/p-Xylenes	11.89	106	1088515	301.35	ug/l	97
69) o-Xylene	12.30	106	519968	160.32	ug/l	100
70) Styrene	12.33	104	865723	154.60	ug/l	95
71) Bromoform	12.51	173	177636	160.44	ug/l	97
73) Isopropylbenzene	12.68	105	1563541	166.49	ug/l	98
74) N-amyl acetate	12.51	43	391835	190.54	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.00	83	229125	151.14	ug/l	96
76) 1,2,3-Trichloropropane	13.05	75	261828	162.51	ug/l	98
77) Bromobenzene	12.99	156	371494	155.85	ug/l	98
78) n-propylbenzene	13.08	91	2104469	158.31	ug/l	99
79) 2-Chlorotoluene	13.16	91	1159595	156.21	ug/l	98
80) 1,3,5-Trimethylbenzene	13.26	105	1196843	160.32	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.75	75	71499	180.23	ug/l	99
82) 4-Chlorotoluene	13.28	91	1325914	151.56	ug/l	99
83) tert-Butylbenzene	13.55	119	1114100m	164.40	ug/l	
84) 1,2,4-Trimethylbenzene	13.60	105	1172826	154.93	ug/l	99
85) sec-Butylbenzene	13.74	105	1579436	158.29	ug/l	97
86) p-Isopropyltoluene	13.88	119	1227188	157.57	ug/l	99
87) 1,3-Dichlorobenzene	13.85	146	662723	149.26	ug/l	98
88) 1,4-Dichlorobenzene	13.94	146	645810	149.14	ug/l	99
89) n-Butylbenzene	14.23	91	1390187	157.72	ug/l	97
90) Hexachloroethane	14.48	117	270502	146.82	ug/l	94
91) 1,2-Dichlorobenzene	14.25	146	538324	145.39	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.90	75	29891	143.31	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.59	180	346092	161.73	ug/l	98
94) Hexachlorobutadiene	15.70	225	264777	152.36	ug/l	98
95) Naphthalene	15.83	128	433460	172.52	ug/l	99
96) 1,2,3-Trichlorobenzene	16.03	180	275156	156.03	ug/l	97

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

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