

Data Path : W:\HPCHEM1\MSVOA F\DATA\VF091615\
 Data File : VF045393.D
 Acq On : 16 Sep 2015 15:37
 Operator : FY/SY
 Sample : VSTDICC100
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 9/17/2015 12:51:00 PM

Quant Time: Sep 16 15:55:50 2015
 Quant Method : W:\HPCHEM1\MSVOA_F\METHODS\82F091615S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 15:43:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.81	168	1080255	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	5.54	114	1608915	50.00	ug/l	0.00
62) Chlorobenzene-d5	9.70	117	1458103	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	12.49	152	844762	50.00	ug/l	0.00

System Monitoring Compounds

32) 1,2-Dichloroethane-d4	4.78	65	1144282	99.51	ug/l	0.02
Spiked Amount 50.000			Recovery	=	199.02%	
34) Dibromofluoromethane	4.04	113	1201130	96.90	ug/l	0.02
Spiked Amount 50.000			Recovery	=	193.80%	
49) Toluene-d8	7.50	98	3348503	91.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	182.10%	
61) 4-Bromofluorobenzene	11.35	95	1610091	91.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	182.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.94	85	883471	98.57	ug/l	95
3) Chloromethane	1.03	50	723144	89.71	ug/l	98
4) Vinyl Chloride	1.10	62	666587	97.70	ug/l	98
5) Bromomethane	1.25	94	395411	96.56	ug/l	100
6) Chloroethane	1.33	64	245404	90.84	ug/l	98
7) Trichlorofluoromethane	1.39	101	1286723m	93.96	ug/l	
8) Diethyl Ether	1.60	74	278393	95.00	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	1.78	101	749364	94.60	ug/l	97
10) Methyl Iodide	1.80	142	1527695	93.97	ug/l	94
11) Tert butyl alcohol	2.51	59	62310	512.76	ug/l #	92
12) 1,1-Dichloroethene	1.72	96	609060	91.61	ug/l	97
13) Acrolein	1.95	56	276143	506.56	ug/l	99
14) Allyl chloride	2.05	41	1018112	96.25	ug/l	97
15) Acrylonitrile	2.88	53	620245	490.47	ug/l	94
16) Acetone	2.19	43	1254192	486.48	ug/l	97
17) Carbon Disulfide	1.73	76	2126196	95.03	ug/l	99
18) Methyl Acetate	2.30	43	1013543	99.86	ug/l	95
19) Methyl tert-butyl Ether	2.39	73	569112	110.50	ug/l	93
20) Methylene Chloride	2.13	84	659334	76.02	ug/l	94
21) trans-1,2-Dichloroethene	2.26	96	716644	96.26	ug/l	95
22) Diisopropyl ether	2.75	45	2085472	91.81	ug/l	96
23) Vinyl Acetate	3.12	43	3005315	453.73	ug/l	99
24) 1,1-Dichloroethane	2.82	63	1400103	92.72	ug/l	98
25) 2-Butanone	4.26	43	1776938	471.66	ug/l	97
26) 2,2-Dichloropropane	3.54	77	1334686	96.20	ug/l	100
27) cis-1,2-Dichloroethene	3.41	96	1094840	95.07	ug/l	97
28) Bromochloromethane	3.65	49	517754	84.67	ug/l #	96
29) Chloroform	3.78	83	1913326	90.38	ug/l	96
30) Cyclohexane	3.64	56	1230364	88.33	ug/l	96
31) 1,1,1-Trichloroethane	4.03	97	1610236	93.12	ug/l	96
35) 1,1-Dichloropropene	4.22	75	1479751	96.55	ug/l	97
36) Ethyl Acetate	4.04	43	714560	91.07	ug/l #	55
37) Carbon Tetrachloride	3.92	117	1553360	98.40	ug/l	99
38) Methylcyclohexane	5.40	83	1506373	90.86	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Benzene	4.57	78	3274962	89.76	ug/l	100
40) Methacrylonitrile	4.68	41	346963	93.62	ug/l	93
41) 1,2-Dichloroethane	4.87	62	1346003	94.59	ug/l	96
42) Isopropyl Acetate	6.90	43	972697	93.66	ug/l #	96
43) Trichloroethene	5.44	130	1112132	91.46	ug/l	94
44) 1,2-Dichloropropane	6.17	63	955037	89.53	ug/l	99
45) Dibromomethane	6.02	93	697678	94.71	ug/l	95
46) Bromodichloromethane	6.32	83	1508282	90.81	ug/l	99
47) Methyl methacrylate	6.66	41	596926	95.15	ug/l	93
48) 1,4-Dioxane	6.64	88	136996	1848.71	ug/l #	82
50) 4-Methyl-2-Pentanone	8.20	43	3259324	443.71	ug/l	99
51) Toluene	7.57	92	2431958	88.05	ug/l	90
52) t-1,3-Dichloropropene	8.22	75	1421574	95.52	ug/l	97
53) cis-1,3-Dichloropropene	7.24	75	1685290	94.82	ug/l	99
54) 1,1,2-Trichloroethane	8.42	97	853702	91.67	ug/l	94
55) Ethyl methacrylate	8.56	69	1145072	94.47	ug/l	98
56) 1,3-Dichloropropane	8.78	76	1380008	90.09	ug/l	98
58) 2-Hexanone	9.43	43	2598116	447.00	ug/l	96
59) Dibromochloromethane	8.65	129	1225689	93.87	ug/l	98
60) 1,2-Dibromoethane	8.92	107	1001771	95.57	ug/l	92
63) Tetrachloroethene	8.09	164	1099083	96.01	ug/l	97
64) Chlorobenzene	9.72	112	2884276	93.81	ug/l	98
65) 1,1,1,2-Tetrachloroethane	9.86	131	1125483	101.32	ug/l	96
66) Ethyl Benzene	9.83	91	4849989	90.86	ug/l	95
67) m/p-Xylenes	10.07	106	3361554	175.63	ug/l	90
68) o-Xylene	10.65	106	1890898	96.23	ug/l	98
69) Styrene	10.73	104	2890792	90.79	ug/l	96
70) Bromoform	10.71	173	867651	107.07	ug/l	99
72) Isopropylbenzene	11.07	105	5108756	89.13	ug/l	94
73) N-amyl acetate	11.32	43	1534266	94.68	ug/l	92
74) 1,1,2,2-Tetrachloroethane	11.64	83	1172923	89.95	ug/l	98
75) 1,2,3-Trichloropropane	11.73	75	830461	92.26	ug/l	95
76) Bromobenzene	11.44	156	1481270	91.73	ug/l	89
77) n-propylbenzene	11.54	91	5799754	80.24	ug/l	98
78) 2-Chlorotoluene	11.66	91	3528454	87.52	ug/l	93
79) 1,3,5-Trimethylbenzene	11.77	105	3861402	81.56	ug/l	96
80) trans-1,4-Dichloro-2-buten	11.81	75	485670m	101.30	ug/l	
81) 4-Chlorotoluene	11.84	91	3956363	89.56	ug/l	90
82) tert-Butylbenzene	12.08	119	4010729	86.65	ug/l	95
83) 1,2,4-Trimethylbenzene	12.15	105	4218473	87.71	ug/l	92
84) sec-Butylbenzene	12.26	105	5501926	85.59	ug/l	96
85) p-Isopropyltoluene	12.40	119	4110255	82.13	ug/l	93
86) 1,3-Dichlorobenzene	12.41	146	2358766	85.64	ug/l	96
87) 1,4-Dichlorobenzene	12.50	146	2485771	90.88	ug/l	93
88) n-Butylbenzene	12.79	91	4318037	85.64	ug/l	94
89) Hexachloroethane	12.86	117	1109696	94.15	ug/l	96
90) 1,2-Dichlorobenzene	12.88	146	2365495	94.25	ug/l	97
91) 1,2-Dibromo-3-Chloropropan	13.58	75	177431	104.95	ug/l	89
92) 1,2,4-Trichlorobenzene	14.13	180	1479481	102.72	ug/l	99
93) Hexachlorobutadiene	14.13	225	1083031	98.51	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Naphthalene	14.38	128	2710614	110.47	ug/l	100
95) 1,2,3-Trichlorobenzene	14.53	180	1270714	108.26	ug/l	95

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

