Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_F\DATA\VF091615\
Data File : VF045388.D
Acq On : 16 Sep 2015 13:15
Operator : FY/SY
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 16 15:29:59 2015
Quant Method : W:\HPCHEM1\MSVOA_F\METHODS\82F091615S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 15:28:40 2015
Response via : Initial Calibration

Instrument : MSVOA_F
ClientSampleId : VSTDICC005

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	4.80	168	1115436	50.00	ug/l		0.00
33) 1,4-Difluorobenzene	5.53	114	1618294	50.00	ug/l		0.00
62) Chlorobenzene-d5	9.70	117	1570785	50.00	ug/l		0.00
71) 1,4-Dichlorobenzene-d4	12.48	152	883982	50.00	ug/l		0.00
System Monitoring Compounds							
32) 1,2-Dichloroethane-d4	4.77	65	57621	4.89	ug/l		0.00
Spiked Amount 50.000			Recovery = 9.78%				
34) Dibromofluoromethane	4.02	113	61287	4.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 9.88%				
49) Toluene-d8	7.48	98	194390	5.22	ug/l		-0.01
Spiked Amount 50.000			Recovery = 10.44%				
61) 4-Bromofluorobenzene	11.34	95	88821	5.22	ug/l		0.00
Spiked Amount 50.000			Recovery = 10.44%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.93	85	47296	5.22	ug/l		93
3) Chloromethane	1.02	50	39210	3.94	ug/l		93
4) Vinyl Chloride	1.09	62	31342	4.09	ug/l		98
5) Bromomethane	1.26	94	22454	6.00	ug/l		87
6) Chloroethane	1.33	64	14253	5.60	ug/l	#	87
7) Trichlorofluoromethane	1.39	101	69466m	5.57	ug/l		
8) Diethyl Ether	1.59	74	12834	4.08	ug/l		83
9) 1,1,2-Trichlorotrifluoroet	1.78	101	38882	4.86	ug/l		94
10) Methyl Iodide	1.81	142	80193	5.11	ug/l		93
11) Tert butyl alcohol	2.51	59	2872	21.52	ug/l	#	26
12) 1,1-Dichloroethene	1.71	96	32852	4.92	ug/l		94
13) Acrolein	1.95	56	11175	16.04	ug/l		99
14) Allyl chloride	2.04	41	47235	3.79	ug/l		94
15) Acrylonitrile	2.87	53	28042	17.33	ug/l		93
16) Acetone	2.18	43	58055	20.16	ug/l		93
17) Carbon Disulfide	1.72	76	107993	4.87	ug/l		96
18) Methyl Acetate	2.29	43	44167	3.34	ug/l	#	90
19) Methyl tert-butyl Ether	2.38	73	18918	3.62	ug/l		99
20) Methylene Chloride	2.13	84	64547	8.55	ug/l		92
21) trans-1,2-Dichloroethene	2.25	96	33912	4.38	ug/l		97
22) Diisopropyl ether	2.73	45	107959	3.96	ug/l		97
23) Vinyl Acetate	3.12	43	148636	17.85	ug/l	#	91
24) 1,1-Dichloroethane	2.81	63	73061	4.50	ug/l	#	97
25) 2-Butanone	4.25	43	86306	17.48	ug/l		100
26) 2,2-Dichloropropane	3.53	77	67141	4.75	ug/l		98
27) cis-1,2-Dichloroethene	3.39	96	51409	4.20	ug/l		86
28) Bromochloromethane	3.64	49	33229	3.91	ug/l		95
29) Chloroform	3.78	83	100724	4.68	ug/l		100
30) Cyclohexane	3.61	56	67395	3.97	ug/l	#	87
31) 1,1,1-Trichloroethane	4.01	97	83341	4.99	ug/l		91
35) 1,1-Dichloropropene	4.21	75	72210	4.69	ug/l	#	88
36) Ethyl Acetate	4.02	43	37921	4.10	ug/l	#	73
37) Carbon Tetrachloride	3.91	117	76600	5.79	ug/l		95
38) Methylcyclohexane	5.38	83	85461	5.14	ug/l		85

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Benzene	4.55	78	171637	4.44 ug/l	92
40) Methacrylonitrile	4.66	41	18345	4.19 ug/l #	82
41) 1,2-Dichloroethane	4.86	62	68518	5.28 ug/l	95
42) Isopropyl Acetate	6.90	43	41808	3.34 ug/l #	95
43) Trichloroethene	5.43	130	59317	5.35 ug/l	92
44) 1,2-Dichloropropane	6.17	63	45935	3.95 ug/l #	87
45) Dibromomethane	6.00	93	33138	4.58 ug/l	91
46) Bromodichloromethane	6.31	83	74192	4.85 ug/l	89
47) Methyl methacrylate	6.65	41	25443	3.49 ug/l #	75
48) 1,4-Dioxane	6.63	88	7443	100.24 ug/l #	70
50) 4-Methyl-2-Pentanone	8.19	43	162519	18.03 ug/l	92
51) Toluene	7.55	92	135177	5.11 ug/l	99
52) t-1,3-Dichloropropene	8.20	75	66327	4.52 ug/l	99
53) cis-1,3-Dichloropropene	7.23	75	77705	4.33 ug/l	94
54) 1,1,2-Trichloroethane	8.41	97	43806	4.78 ug/l	92
55) Ethyl methacrylate	8.55	69	50154	3.93 ug/l	87
56) 1,3-Dichloropropane	8.77	76	67343	4.24 ug/l #	86
58) 2-Hexanone	9.42	43	125485	17.56 ug/l	91
59) Dibromochloromethane	8.63	129	57349	4.95 ug/l	88
60) 1,2-Dibromoethane	8.90	107	43601	4.22 ug/l	93
63) Tetrachloroethene	8.08	164	59881	5.57 ug/l	96
64) Chlorobenzene	9.72	112	158548	4.91 ug/l	94
65) 1,1,1,2-Tetrachloroethane	9.84	131	57416	5.18 ug/l	86
66) Ethyl Benzene	9.82	91	291406	5.09 ug/l	91
67) m/p-Xylenes	10.05	106	212538	10.70 ug/l	99
68) o-Xylene	10.64	106	106485	5.12 ug/l	97
69) Styrene	10.72	104	166297	4.99 ug/l	97
70) Bromoform	10.69	173	37785	4.82 ug/l #	91
72) Isopropylbenzene	11.06	105	291114	4.50 ug/l	98
73) N-amyl acetate	11.31	43	73279	3.28 ug/l	97
74) 1,1,2,2-Tetrachloroethane	11.63	83	65764	4.23 ug/l	91
75) 1,2,3-Trichloropropane	11.73	75	38924	3.48 ug/l	76
76) Bromobenzene	11.43	156	78499	4.71 ug/l	89
77) n-propylbenzene	11.53	91	389671	4.70 ug/l	93
78) 2-Chlorotoluene	11.66	91	203948	4.43 ug/l	97
79) 1,3,5-Trimethylbenzene	11.77	105	248482	4.80 ug/l	96
80) trans-1,4-Dichloro-2-buten	11.80	75	22286m	4.08 ug/l	
81) 4-Chlorotoluene	11.83	91	238627	4.83 ug/l	93
82) tert-Butylbenzene	12.07	119	245955	4.91 ug/l	97
83) 1,2,4-Trimethylbenzene	12.14	105	249272	4.76 ug/l	95
84) sec-Butylbenzene	12.24	105	346096	5.02 ug/l	96
85) p-Isopropyltoluene	12.40	119	274854	5.29 ug/l	96
86) 1,3-Dichlorobenzene	12.41	146	144289	5.18 ug/l	97
87) 1,4-Dichlorobenzene	12.49	146	144864	5.21 ug/l	97
88) n-Butylbenzene	12.78	91	264242	4.78 ug/l	92
89) Hexachloroethane	12.85	117	59020	5.14 ug/l	93
90) 1,2-Dichlorobenzene	12.87	146	120303	4.74 ug/l	97
91) 1,2-Dibromo-3-Chloropropan	13.57	75	6682	3.64 ug/l	72
92) 1,2,4-Trichlorobenzene	14.12	180	58031	4.23 ug/l	98
93) Hexachlorobutadiene	14.11	225	52107	4.95 ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
94) Naphthalene	14.38	128	89135	3.69	ug/l	#	95
95) 1,2,3-Trichlorobenzene	14.52	180	49928	4.52	ug/l		85

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

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