Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
Data File : BM000085.D
Acq On : 30 Dec 2014 08:10
Operator : TP
Sample : MDL-04-W
Misc : MDL-WATER-8PPM
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-04-W

Manual Integrations APPROVED
TEJASKUMAR
1/7/2015 9:22:17 AM

Quant Time: Dec 31 07:45:13 2014
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 31 07:06:16 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	184213	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	743215	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.47	164	553618	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.21	188	1161527m	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1101412	20.00	ng/ul	-0.01
83) Perylene-d12	23.69	264	647932	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	14944	4.70	ng/uL	0.01
5) Phenol-d5	7.00	99	548546m	34.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	302218	30.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	392390	34.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	416408	33.03	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	177355	34.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	186077m	35.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	411018m	35.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	363805	27.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1305348	31.97	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1508206	30.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	196923	29.86	ng/ul	0.00
57) Fluorene-d10	15.47	176	1097562	31.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	167711	29.11	ng/ul	0.00
70) Anthracene-d10	17.32	188	1648950	30.70	ng/ul	0.00
76) Pyrene-d10	19.61	212	1802709	35.48	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	843941	28.86	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	23801	5.40	ng/uL	91
4) Benzaldehyde	6.98	77	23490	2.36	ng/ul	96
6) Phenol	7.03	94	95563	5.75	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.27	93	65536	5.16	ng/ul	99
10) 2-Chlorophenol	7.41	128	66851	5.62	ng/ul	99
11) 2-Methylphenol	8.28	108	70243	5.48	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.38	45	111683	5.46	ng/ul	99
14) Acetophenone	8.66	105	102199	4.75	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.64	70	55214	4.90	ng/ul	95
16) 4-Methylphenol	8.60	108	74829	5.40	ng/ul	90
17) Hexachloroethane	8.92	117	27830	5.12	ng/ul	82
20) Nitrobenzene	9.04	77	88239	5.76	ng/ul	96
21) Isophorone	9.57	82	153745	5.20	ng/ul	97
23) 2-Nitrophenol	9.75	139	34266	5.91	ng/ul	91
24) 2,4-Dimethylphenol	9.81	107	93702	5.96	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.05	93	87770	5.34	ng/ul	100
27) 2,4-Dichlorophenol	10.28	162	71190	6.15	ng/ul	96
28) Naphthalene	10.69	128	202415	5.34	ng/ul	99
30) 4-Chloroaniline	10.79	127	64648m	4.75	ng/ul	
31) Hexachlorobutadiene	10.97	225	48702	5.94	ng/ul	89
32) Caprolactam	11.59	113	18716m	4.86	ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	78404	5.52	ng/ul#	92
34) 2-Methylnaphthalene	12.30	142	149035	5.30	ng/ul	99

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36) 1,2,4,5-Tetrachlorobenzene	12.67	216	78191	5.09	ng/ul	98
37) Hexachlorocyclopentadiene	12.64	237	43535	4.29	ng/ul	99
38) 2,4,6-Trichlorophenol	12.91	196	51080	5.22	ng/ul	96
39) 2,4,5-Trichlorophenol	12.97	196	58264	5.48	ng/ul	99
40) 1,1'-Biphenyl	13.31	154	206225	5.17	ng/ul	98
41) 2-Chloronaphthalene	13.35	162	155967	5.10	ng/ul	99
42) 2-Nitroaniline	13.56	65	49134	4.96	ng/ul	91
44) Dimethylphthalate	13.93	163	216767	5.33	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	35446	4.87	ng/ul#	84
47) Acenaphthylene	14.20	152	263055	5.10	ng/ul	99
48) 3-Nitroaniline	14.38	138	23648	3.17	ng/ul#	89
49) Acenaphthene	14.54	153	170373	5.18	ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	16331	4.42	ng/ul	89
52) 4-Nitrophenol	14.68	109	44916	5.12	ng/ul	93
53) Dibenzofuran	14.87	168	248682	5.22	ng/ul	96
54) 2,4-Dinitrotoluene	14.84	165	53056	4.89	ng/ul#	90
55) 2,3,4,6-Tetrachlorophenol	15.10	232	47114	5.14	ng/ul#	94
56) Diethylphthalate	15.29	149	226328	5.30	ng/ul	99
58) Fluorene	15.52	166	210179	5.32	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	102455	5.26	ng/ul	93
60) 4-Nitroaniline	15.53	138	33117	3.93	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.59	198	28262	4.80	ng/ul#	76
64) N-Nitrosodiphenylamine	15.73	169	173065	5.14	ng/ul	98
65) 4-Bromophenyl-phenylether	16.41	248	61841	5.22	ng/ul	87
66) Hexachlorobenzene	16.53	284	72665	5.32	ng/ul	91
67) Atrazine	16.69	200	3432	0.26	ng/ul#	91
68) Pentachlorophenol	16.86	266	33749	4.07	ng/ul	95
69) Phenanthrene	17.26	178	336664	5.36	ng/ul	98
71) Anthracene	17.35	178	329564	5.10	ng/ul	99
72) Carbazole	17.61	167	280119	4.81	ng/ul	99
73) Di-n-butylphthalate	18.19	149	352424	5.07	ng/ul	99
74) Fluoranthene	19.27	202	376675	5.23	ng/ul	98
77) Pyrene	19.64	202	399180	6.01	ng/ul	98
78) Butylbenzylphthalate	20.54	149	140753	5.22	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.33	252	11588	0.58	ng/ul	97
80) Benzo(a)anthracene	21.39	228	337643	5.31	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	198522	5.06	ng/ul	96
82) Chrysene	21.44	228	319416	5.45	ng/ul	100
84) Di-n-octyl phthalate	22.21	149	292806	6.57	ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	278774	6.74	ng/ul	98
86) Benzo(k)fluoranthene	23.04	252	274092	7.76	ng/ul#	98
88) Benzo(a)pyrene	23.59	252	241650	6.65	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.03	276	263189	6.95	ng/ul	99
90) Dibenzo(a,h)anthracene	26.05	278	225852	7.08	ng/ul	96
91) Benzo(g,h,i)perylene	26.75	276	216881	6.97	ng/ul	99

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

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