Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
Data File : BM000084.D
Acq On : 30 Dec 2014 07:34
Operator : TP
Sample : MDL-03-W
Misc : MDL-WATER-8PPM
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-03-W

Manual Integrations APPROVED
TEJASKUMAR
1/7/2015 9:22:19 AM

Quant Time: Dec 31 07:42:36 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	178720	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	732175	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.47	164	500246	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.21	188	950772m	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	862885	20.00	ng/ul	-0.01
83) Perylene-d12	23.69	264	725291	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	18404	5.97	ng/uL	0.01
5) Phenol-d5	7.01	99	581333m	37.55	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.18	67	325583	34.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	418411	37.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	434700	35.54	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	188796	37.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	199784m	38.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	417627m	36.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	298052	23.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1267408	34.35	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1517792	34.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	177798	29.83	ng/ul	0.00
57) Fluorene-d10	15.47	176	1057151	33.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	155127	32.90	ng/ul	0.00
70) Anthracene-d10	17.32	188	1519676	34.57	ng/ul	0.00
76) Pyrene-d10	19.61	212	1516892	38.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1107417	33.83	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	28347	6.63	ng/uL#	91
4) Benzaldehyde	6.98	77	26409	2.74	ng/ul	99
6) Phenol	7.03	94	110492	6.86	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.27	93	79491	6.45	ng/ul	98
10) 2-Chlorophenol	7.41	128	80946	7.02	ng/ul	97
11) 2-Methylphenol	8.28	108	83535	6.72	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.38	45	132863	6.69	ng/ul	98
14) Acetophenone	8.66	105	126023	6.04	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.64	70	67629	6.19	ng/ul	92
16) 4-Methylphenol	8.60	108	87817	6.53	ng/ul	98
17) Hexachloroethane	8.92	117	34057	6.46	ng/ul	85
20) Nitrobenzene	9.04	77	105019	6.96	ng/ul	97
21) Isophorone	9.57	82	176465	6.06	ng/ul	97
23) 2-Nitrophenol	9.75	139	40694	7.13	ng/ul	93
24) 2,4-Dimethylphenol	9.81	107	106350	6.87	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.05	93	102771	6.34	ng/ul	98
27) 2,4-Dichlorophenol	10.28	162	79664	6.99	ng/ul	89
28) Naphthalene	10.69	128	241271	6.46	ng/ul	99
30) 4-Chloroaniline	10.79	127	62253m	4.65	ng/ul	
31) Hexachlorobutadiene	10.97	225	55177	6.83	ng/ul	95
32) Caprolactam	11.57	113	19817	5.22	ng/ul	93
33) 4-Chloro-3-methylphenol	11.91	107	85154	6.09	ng/ul	98
34) 2-Methylnaphthalene	12.30	142	178680	6.45	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	93435	6.74 ng/ul	96
37) Hexachlorocyclopentadiene	12.64	237	51008	5.57 ng/ul	95
38) 2,4,6-Trichlorophenol	12.90	196	58842	6.65 ng/ul	98
39) 2,4,5-Trichlorophenol	12.97	196	62607	6.52 ng/ul	98
40) 1,1'-Biphenyl	13.30	154	234842	6.51 ng/ul	99
41) 2-Chloronaphthalene	13.35	162	183747	6.65 ng/ul	97
42) 2-Nitroaniline	13.56	65	54071	6.04 ng/ul	94
44) Dimethylphthalate	13.93	163	234571	6.38 ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	39240	5.97 ng/ul#	81
47) Acenaphthylene	14.20	152	295524	6.34 ng/ul	99
48) 3-Nitroaniline	14.38	138	18552	2.76 ng/ul	94
49) Acenaphthene	14.54	153	192534	6.48 ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	16791	5.03 ng/ul	89
52) 4-Nitrophenol	14.68	109	45617	5.76 ng/ul	96
53) Dibenzofuran	14.87	168	281781	6.55 ng/ul	94
54) 2,4-Dinitrotoluene	14.84	165	57933	5.91 ng/ul	85
55) 2,3,4,6-Tetrachlorophenol	15.10	232	50462	6.09 ng/ul#	96
56) Diethylphthalate	15.29	149	233766	6.05 ng/ul	96
58) Fluorene	15.52	166	228945	6.41 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.52	204	113035	6.42 ng/ul	95
60) 4-Nitroaniline	15.53	138	32980	4.34 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.59	198	29442	6.10 ng/ul#	77
64) N-Nitrosodiphenylamine	15.73	169	176510	6.40 ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	66277	6.84 ng/ul	92
66) Hexachlorobenzene	16.53	284	76252	6.83 ng/ul	93
67) Atrazine	16.69	200	4596	0.42 ng/ul	92
68) Pentachlorophenol	16.86	266	36910	5.43 ng/ul	95
69) Phenanthrene	17.26	178	341324	6.63 ng/ul	98
71) Anthracene	17.35	178	344372	6.51 ng/ul	99
72) Carbazole	17.61	167	279091	5.86 ng/ul	99
73) Di-n-butylphthalate	18.19	149	352414	6.20 ng/ul	99
74) Fluoranthene	19.27	202	372745	6.32 ng/ul	98
77) Pyrene	19.64	202	375029	7.21 ng/ul	98
78) Butylbenzylphthalate	20.54	149	126749	6.00 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.33	252	15381	0.97 ng/ul#	96
80) Benzo(a)anthracene	21.39	228	322890	6.48 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.32	149	181906	5.91 ng/ul	98
82) Chrysene	21.44	228	295835	6.44 ng/ul	99
84) Di-n-octyl phthalate	22.21	149	292788	5.87 ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	323645	6.99 ng/ul	99
86) Benzo(k)fluoranthene	23.05	252	260907	6.60 ng/ul	100
88) Benzo(a)pyrene	23.60	252	289611	7.12 ng/ul	100
89) Indeno(1,2,3-cd)pyrene	26.03	276	326468	7.70 ng/ul	96
90) Dibenzo(a,h)anthracene	26.05	278	279992	7.84 ng/ul	99
91) Benzo(g,h,i)perylene	26.75	276	275410	7.90 ng/ul	98

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

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