Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079309.D
Acq On : 16 May 2015 12:30
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
5/18/2015 3:43:03 PM

Quant Time: May 18 02:03:40 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 18 00:56:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	92250	20.00	ng		0.00
21) Naphthalene-d8	8.75	136	370335	20.00	ng		0.00
38) Acenaphthene-d10	10.94	164	175911	20.00	ng		0.01
63) Phenanthrene-d10	12.78	188	336193	20.00	ng		0.01
75) Chrysene-d12	16.07	240	339870	20.00	ng		0.01
86) Perylene-d12	17.85	264	354669	20.00	ng		0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	405388m	75.64	ng		0.01
7) Phenol-d6	6.75	99	528767m	74.64	ng		0.01
23) Nitrobenzene-d5	7.87	82	501990	77.90	ng		0.00
41) 2,4,6-Tribromophenol	11.92	330	155646	81.79	ng		0.01
44) 2-Fluorobiphenyl	10.10	172	924527	73.22	ng		0.00
78) Terphenyl-d14	14.77	244	1061471	74.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	92253m	39.59	ng		
3) Pyridine	2.76	79	229035m	33.59	ng		
4) n-Nitrosodimethylamine	2.70	42	120451m	41.23	ng		
6) Aniline	6.78	93	368955	36.90	ng	#	71
8) 2-Chlorophenol	6.91	128	235103	38.68	ng		91
9) Benzaldehyde	6.63	77	163797	34.32	ng		97
10) Phenol	6.78	94	293596	35.73	ng	#	47
11) bis(2-Chloroethyl)ether	6.88	93	226614	37.62	ng		97
12) 1,3-Dichlorobenzene	7.11	146	263914	38.63	ng		98
13) 1,4-Dichlorobenzene	7.20	146	260799	37.09	ng		96
14) 1,2-Dichlorobenzene	7.38	146	240942	36.81	ng		96
15) Benzyl Alcohol	7.37	79	187769	35.71	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.54	45	318793	34.59	ng		99
17) 2-Methylphenol	7.52	107	191495	39.15	ng		97
18) Hexachloroethane	7.80	117	85272	35.21	ng		91
19) n-Nitroso-di-n-propylamine	7.70	70	170708	35.68	ng		99
20) 3+4-Methylphenols	7.71	107	247431	37.96	ng	#	42
22) Acetophenone	7.69	105	315322	37.69	ng	#	91
24) Nitrobenzene	7.90	77	239564	37.51	ng		95
25) Isophorone	8.20	82	463418	38.79	ng		99
26) 2-Nitrophenol	8.30	139	114462	43.30	ng		93
27) 2,4-Dimethylphenol	8.36	122	211833	40.04	ng		100
28) bis(2-Chloroethoxy)methane	8.48	93	279989	38.02	ng		99
29) 2,4-Dichlorophenol	8.59	162	193161	41.06	ng		90
30) 1,2,4-Trichlorobenzene	8.70	180	203404	39.36	ng		97
31) Naphthalene	8.79	128	697826	39.55	ng		99
32) Benzoic acid	8.49	122	137379m	42.32	ng		
33) 4-Chloroaniline	8.87	127	283384	37.95	ng	#	85
34) Hexachlorobutadiene	8.94	225	114942	38.63	ng		97
35) Caprolactam	9.30	113	58402	38.39	ng		97
36) 4-Chloro-3-methylphenol	9.47	107	198245	40.12	ng		91
37) 2-Methylnaphthalene	9.64	142	475227	38.86	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.85	216	189123	38.17	ng		98
40) Hexachlorocyclopentadiene	9.84	237	15627	6.27	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.00	196	134502	39.49	ng		97
43) 2,4,5-Trichlorophenol	10.04	196	137069	39.80	ng	#	89
45) 1,1'-Biphenyl	10.23	154	530565	37.94	ng		98
46) 2-Chloronaphthalene	10.25	162	420167	38.52	ng		92
47) 2-Nitroaniline	10.38	65	124226	39.30	ng		92
48) Acenaphthylene	10.75	152	658217	36.75	ng		100
49) Dimethylphthalate	10.62	163	465375	36.05	ng		100
50) 2,6-Dinitrotoluene	10.70	165	98856	38.80	ng		97
51) Acenaphthene	10.97	154	376336	35.24	ng		99
52) 3-Nitroaniline	10.89	138	122301	38.43	ng		99
53) 2,4-Dinitrophenol	11.03	184	7122	14.82	ng	#	78
54) Dibenzofuran	11.19	168	568032	36.82	ng		100
55) 4-Nitrophenol	11.12	139	88078	34.96	ng	#	65
56) 2,4-Dinitrotoluene	11.19	165	124609	36.99	ng	#	72
57) Fluorene	11.61	166	461988	36.48	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.35	232	106939	38.00	ng		98
59) Diethylphthalate	11.50	149	494946	38.70	ng		97
60) 4-Chlorophenyl-phenylether	11.62	204	210622	37.49	ng		95
61) 4-Nitroaniline	11.64	138	133188	41.83	ng		98
62) Azobenzene	11.82	77	458335	36.37	ng		99
64) 4,6-Dinitro-2-methylphenol	11.69	198	16808	16.62	ng	#	49
65) n-Nitrosodiphenylamine	11.77	169	413963	36.97	ng		98
66) 4-Bromophenyl-phenylether	12.23	248	134951	38.51	ng	#	90
67) Hexachlorobenzene	12.29	284	141732	35.39	ng		91
68) Atrazine	12.45	200	110897	34.06	ng		98
69) Pentachlorophenol	12.54	266	79138	37.73	ng		97
70) Phenanthrene	12.80	178	660760	35.13	ng		99
71) Anthracene	12.87	178	695510	37.69	ng		99
72) Carbazole	13.07	167	640372	36.41	ng		99
73) Di-n-butylphthalate	13.53	149	824995	39.12	ng		99
74) Fluoranthene	14.27	202	750660	38.30	ng		99
76) Benzidine	14.46	184	440165	48.05	ng		99
77) Pyrene	14.56	202	770333	39.33	ng		99
79) Butylbenzylphthalate	15.38	149	382141	44.64	ng	#	83
80) Benzo(a)anthracene	16.06	228	711000	38.20	ng		99
81) 3,3'-Dichlorobenzidine	16.03	252	281102	42.40	ng	#	97
82) Chrysene	16.10	228	661655	36.96	ng		99
83) Bis(2-ethylhexyl)phthalate	16.11	149	545248	42.05	ng	#	98
84) Di-n-octyl phthalate	16.94	149	981967	43.00	ng		98
85) Indeno(1,2,3-cd)pyrene	19.27	276	813695	35.68	ng		99
87) Benzo(b)fluoranthene	17.39	252	731302m	37.67	ng		
88) Benzo(k)fluoranthene	17.43	252	735424	39.13	ng		98
89) Benzo(a)pyrene	17.78	252	686960	38.43	ng	#	97
90) Dibenzo(a,h)anthracene	19.29	278	680199	35.80	ng		98
91) Benzo(g,h,i)perylene	19.69	276	660854	34.71	ng		97

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

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