Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079289.D
Acq On : 16 May 2015 2:55
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
apatel
5/18/2015 3:41:17 PM

Quant Time: May 16 04:14:06 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 22:54:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	83213	20.00	ng		0.00
21) Naphthalene-d8	8.75	136	340620	20.00	ng		0.00
38) Acenaphthene-d10	10.92	164	163265	20.00	ng		0.00
63) Phenanthrene-d10	12.77	188	297071	20.00	ng		0.00
75) Chrysene-d12	16.06	240	288274	20.00	ng		-0.03
86) Perylene-d12	17.76	264	285572	20.00	ng		-0.17
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	349251m	72.25	ng		0.00
7) Phenol-d6	6.74	99	475393	74.40	ng		-0.01
23) Nitrobenzene-d5	7.87	82	441807	74.55	ng		0.00
41) 2,4,6-Tribromophenol	11.91	330	140503	79.55	ng		0.00
44) 2-Fluorobiphenyl	10.10	172	837113	71.43	ng		0.00
78) Terphenyl-d14	14.77	244	950219	78.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	79542m	37.84	ng		
3) Pyridine	2.76	79	195261m	31.74	ng		
4) n-Nitrosodimethylamine	2.70	42	94289m	35.78	ng		
6) Aniline	6.76	93	328426	36.41	ng	#	50
8) 2-Chlorophenol	6.91	128	206754	37.71	ng		83
9) Benzaldehyde	6.63	77	145505	33.80	ng		97
10) Phenol	6.76	94	281660	38.00	ng	#	51
11) bis(2-Chloroethyl)ether	6.87	93	189267	34.83	ng		87
12) 1,3-Dichlorobenzene	7.10	146	224476	36.43	ng	#	90
13) 1,4-Dichlorobenzene	7.20	146	234006	36.90	ng		100
14) 1,2-Dichlorobenzene	7.38	146	223082	37.78	ng		99
15) Benzyl Alcohol	7.36	79	164061	34.59	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.54	45	292955	35.24	ng		98
17) 2-Methylphenol	7.51	107	160414	36.36	ng	#	94
18) Hexachloroethane	7.79	117	79948	36.60	ng	#	83
19) n-Nitroso-di-n-propylamine	7.70	70	164467	38.11	ng		96
20) 3+4-Methylphenols	7.70	107	221782	37.72	ng	#	49
22) Acetophenone	7.69	105	298180	38.75	ng	#	88
24) Nitrobenzene	7.90	77	227827	38.78	ng	#	89
25) Isophorone	8.19	82	413972	37.68	ng	#	93
26) 2-Nitrophenol	8.28	139	99869	41.07	ng	#	84
27) 2,4-Dimethylphenol	8.35	122	184216	37.86	ng		95
28) bis(2-Chloroethoxy)methane	8.48	93	265536	39.20	ng		99
29) 2,4-Dichlorophenol	8.58	162	170850	39.49	ng		98
30) 1,2,4-Trichlorobenzene	8.68	180	175857	37.00	ng		98
31) Naphthalene	8.78	128	608398	37.49	ng		99
32) Benzoic acid	8.48	122	80793	29.34	ng		99
33) 4-Chloroaniline	8.86	127	264466	38.51	ng		94
34) Hexachlorobutadiene	8.94	225	103463	37.80	ng		98
35) Caprolactam	9.30	113	54800	39.17	ng	#	85
36) 4-Chloro-3-methylphenol	9.47	107	178279	39.23	ng		95
37) 2-Methylnaphthalene	9.64	142	426927	37.96	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.85	216	175720	38.22	ng		98
40) Hexachlorocyclopentadiene	9.83	237	69539	30.08	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.00	196	120404	38.09	ng		97
43) 2,4,5-Trichlorophenol	10.03	196	120881	37.82	ng	#	79
45) 1,1'-Biphenyl	10.23	154	489207	37.69	ng		99
46) 2-Chloronaphthalene	10.24	162	375298	37.07	ng		98
47) 2-Nitroaniline	10.38	65	118820	40.51	ng	#	75
48) Acenaphthylene	10.75	152	639039	38.44	ng		100
49) Dimethylphthalate	10.62	163	461020	38.47	ng		98
50) 2,6-Dinitrotoluene	10.68	165	91107	38.53	ng	#	57
51) Acenaphthene	10.97	154	370969	37.42	ng		99
52) 3-Nitroaniline	10.89	138	122811	41.58	ng		80
53) 2,4-Dinitrophenol	11.03	184	22711	36.43	ng	#	55
54) Dibenzofuran	11.19	168	527906	36.87	ng		95
55) 4-Nitrophenol	11.11	139	78300	33.49	ng	#	74
56) 2,4-Dinitrotoluene	11.19	165	119864	38.34	ng		94
57) Fluorene	11.61	166	450848	38.36	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.34	232	97343	37.27	ng		99
59) Diethylphthalate	11.48	149	436682	36.79	ng		97
60) 4-Chlorophenyl-phenylether	11.62	204	187771	36.02	ng	#	87
61) 4-Nitroaniline	11.64	138	121692	41.18	ng		95
62) Azobenzene	11.82	77	423298	36.19	ng		92
64) 4,6-Dinitro-2-methylphenol	11.68	198	46103	39.97	ng	#	15
65) n-Nitrosodiphenylamine	11.77	169	380690	38.48	ng		99
66) 4-Bromophenyl-phenylether	12.23	248	118930	38.41	ng	#	76
67) Hexachlorobenzene	12.29	284	139764	39.49	ng	#	69
68) Atrazine	12.45	200	108504	37.72	ng		93
69) Pentachlorophenol	12.54	266	62911	34.63	ng		98
70) Phenanthrene	12.80	178	629102	37.85	ng		100
71) Anthracene	12.86	178	610098	37.42	ng		99
72) Carbazole	13.07	167	583203	37.53	ng		98
73) Di-n-butylphthalate	13.52	149	715905	38.41	ng		98
74) Fluoranthene	14.27	202	667523	38.55	ng		95
76) Benzidine	14.46	184	315418	40.60	ng		99
77) Pyrene	14.55	202	649432	39.09	ng		99
79) Butylbenzylphthalate	15.38	149	313890	43.23	ng		97
80) Benzo(a)anthracene	16.03	228	611934	38.76	ng		100
81) 3,3'-Dichlorobenzidine	16.02	252	230838	41.05	ng		99
82) Chrysene	16.08	228	573667	37.78	ng		100
83) Bis(2-ethylhexyl)phthalate	16.10	149	453320	41.22	ng		100
84) Di-n-octyl phthalate	16.88	149	745923	38.51	ng		98
85) Indeno(1,2,3-cd)pyrene	19.17	276	739984m	38.25	ng		
87) Benzo(b)fluoranthene	17.33	252	603593	38.62	ng	#	97
88) Benzo(k)fluoranthene	17.36	252	629276m	41.59	ng		
89) Benzo(a)pyrene	17.70	252	575266	39.97	ng		99
90) Dibenzo(a,h)anthracene	19.19	278	604016	39.49	ng		99
91) Benzo(g,h,i)perylene	19.58	276	608496	39.69	ng		98

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

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