Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
Data File : BF083514.D
Acq On : 5 Dec 2015 14:57
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Mmdadoda
12/7/2015 6:30:57 PM

Quant Time: Dec 07 01:31:22 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	133878	20.00	ng		0.00
21) Naphthalene-d8	7.68	136	523451	20.00	ng		0.00
38) Acenaphthene-d10	10.46	164	254893	20.00	ng		0.00
63) Phenanthrene-d10	12.85	188	481027	20.00	ng		0.00
75) Chrysene-d12	17.05	240	380834	20.00	ng		0.00
86) Perylene-d12	18.67	264	317129	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.03	112	733602	83.13	ng		0.00
7) Phenol-d6	5.32	99	974008	80.11	ng		0.00
23) Nitrobenzene-d5	6.60	82	913044	81.54	ng		0.00
41) 2,4,6-Tribromophenol	11.75	330	194733	82.82	ng		-0.01
44) 2-Fluorobiphenyl	9.41	172	1489658	79.27	ng		-0.01
78) Terphenyl-d14	15.48	244	1391359	81.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.86	88	167194	36.12	ng		99
3) Pyridine	2.30	79	473120	42.83	ng		98
4) n-Nitrosodimethylamine	2.27	42	199782	35.91	ng		84
6) Aniline	5.32	93	649745	41.06	ng		96
8) 2-Chlorophenol	5.48	128	401805	40.94	ng		98
9) Benzaldehyde	5.16	77	281243	40.35	ng		99
10) Phenol	5.34	94	556607	39.15	ng	#	77
11) bis(2-Chloroethyl)ether	5.42	93	423784	40.22	ng		98
12) 1,3-Dichlorobenzene	5.69	146	436992	40.15	ng		98
13) 1,4-Dichlorobenzene	5.79	146	441318	39.71	ng		98
14) 1,2-Dichlorobenzene	6.01	146	417320	40.83	ng		97
15) Benzyl Alcohol	6.01	79	350785	41.59	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.20	45	776305	39.74	ng		97
17) 2-Methylphenol	6.20	107	328688	40.58	ng		98
18) Hexachloroethane	6.49	117	157901	40.71	ng	#	84
19) n-Nitroso-di-n-propylamine	6.40	70	327189	40.34	ng	#	91
20) 3+4-Methylphenols	6.43	107	436687	41.50	ng		99
22) Acetophenone	6.38	105	623058	41.32	ng		99
24) Nitrobenzene	6.62	77	478066	38.76	ng		98
25) Isophorone	7.00	82	866236	40.28	ng		99
26) 2-Nitrophenol	7.10	139	202675	41.65	ng		99
27) 2,4-Dimethylphenol	7.23	122	353185	41.07	ng		99
28) bis(2-Chloroethoxy)methane	7.36	93	488182	40.73	ng		99
29) 2,4-Dichlorophenol	7.50	162	320628	41.29	ng		98
30) 1,2,4-Trichlorobenzene	7.60	180	346659	40.38	ng		100
31) Naphthalene	7.71	128	1121108	40.24	ng		99
32) Benzoic acid	7.49	122	156437	33.38	ng		97
33) 4-Chloroaniline	7.82	127	450302	41.31	ng		99
34) Hexachlorobutadiene	7.92	225	201810	39.78	ng		98
35) Caprolactam	8.43	113	100663	40.76	ng		95
36) 4-Chloro-3-methylphenol	8.66	107	357933	40.96	ng		100
37) 2-Methylnaphthalene	8.81	142	700726	40.67	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	337548	40.27	ng	#	100
40) Hexachlorocyclopentadiene	9.06	237	92972	35.00	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	218685	41.56	ng		99
43) 2,4,5-Trichlorophenol	9.37	196	217681	40.16	ng		98
45) 1,1'-Biphenyl	9.56	154	896434	39.58	ng		98
46) 2-Chloronaphthalene	9.58	162	683032	40.02	ng		99
47) 2-Nitroaniline	9.78	65	249278	41.00	ng		99
48) Acenaphthylene	10.24	152	1138115	40.72	ng		99
49) Dimethylphthalate	10.11	163	802033	39.98	ng		98
50) 2,6-Dinitrotoluene	10.19	165	174744	41.37	ng		98
51) Acenaphthene	10.52	154	642370	39.94	ng		99
52) 3-Nitroaniline	10.45	138	189469	41.60	ng		92
53) 2,4-Dinitrophenol	10.65	184	57801	31.63	ng		91
54) Dibenzofuran	10.80	168	897733	40.29	ng		96
55) 4-Nitrophenol	10.83	139	99395m	38.75	ng		
56) 2,4-Dinitrotoluene	10.84	165	227583	41.25	ng	#	97
57) Fluorene	11.36	166	787966	40.65	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.04	232	162317	40.04	ng	#	100
59) Diethylphthalate	11.25	149	782631	40.54	ng		99
60) 4-Chlorophenyl-phenylether	11.38	204	366448	39.45	ng		98
61) 4-Nitroaniline	11.45	138	176291	42.72	ng		90
62) Azobenzene	11.63	77	808842	39.27	ng		94
64) 4,6-Dinitro-2-methylphenol	11.51	198	115034	36.35	ng		93
65) n-Nitrosodiphenylamine	11.59	169	644705	40.48	ng		99
66) 4-Bromophenyl-phenylether	12.17	248	209294	39.82	ng		96
67) Hexachlorobenzene	12.24	284	225251	40.09	ng		98
68) Atrazine	12.50	200	195030	40.50	ng		99
69) Pentachlorophenol	12.59	266	91364	38.23	ng		94
70) Phenanthrene	12.90	178	1126227	40.22	ng		99
71) Anthracene	12.98	178	1162074	40.70	ng		99
72) Carbazole	13.28	167	1016293	41.45	ng		100
73) Di-n-butylphthalate	13.91	149	1241491	42.04	ng		99
74) Fluoranthene	14.82	202	1150872	41.47	ng		99
76) Benzidine	15.08	184	563104	40.93	ng		98
77) Pyrene	15.17	202	1159372	40.70	ng		99
79) Butylbenzylphthalate	16.32	149	505982	45.17	ng		99
80) Benzo(a)anthracene	17.04	228	901086	40.44	ng		99
81) 3,3'-Dichlorobenzidine	17.03	252	296591	41.62	ng		98
82) Chrysene	17.08	228	909664	40.98	ng		98
83) Bis(2-ethylhexyl)phthalate	17.15	149	672440	45.74	ng	#	95
84) Di-n-octyl phthalate	17.92	149	971757	46.35	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.92	276	806848	42.40	ng	#	100
87) Benzo(b)fluoranthene	18.29	252	712205m	39.99	ng		
88) Benzo(k)fluoranthene	18.32	252	730009m	40.01	ng		
89) Benzo(a)pyrene	18.61	252	692330	39.96	ng		97
90) Dibenzo(a,h)anthracene	19.93	278	696139	41.77	ng		99
91) Benzo(g,h,i)perylene	20.27	276	686818	40.89	ng		100

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

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