Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
Data File : BF083507.D
Acq On : 5 Dec 2015 3:54
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Mmdadoda
12/7/2015 6:30:52 PM

Quant Time: Dec 05 06:23:37 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	138231	20.00	ng		0.00
21) Naphthalene-d8	7.68	136	538610	20.00	ng		0.00
38) Acenaphthene-d10	10.46	164	259516	20.00	ng		0.00
63) Phenanthrene-d10	12.85	188	482011	20.00	ng		0.00
75) Chrysene-d12	17.05	240	360566	20.00	ng		0.00
86) Perylene-d12	18.67	264	283760	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.03	112	757741	83.16	ng		0.00
7) Phenol-d6	5.32	99	1006606	80.18	ng		0.00
23) Nitrobenzene-d5	6.60	82	932695	80.95	ng		0.00
41) 2,4,6-Tribromophenol	11.75	330	196064	81.90	ng		-0.01
44) 2-Fluorobiphenyl	9.42	172	1534189	80.18	ng		0.00
78) Terphenyl-d14	15.48	244	1349655	83.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.86	88	196021	41.02	ng		97
3) Pyridine	2.30	79	524918	46.03	ng		90
4) n-Nitrosodimethylamine	2.27	42	247857	43.14	ng		100
6) Aniline	5.32	93	670688	41.04	ng		99
8) 2-Chlorophenol	5.48	128	406517	40.12	ng		99
9) Benzaldehyde	5.16	77	290444	40.35	ng		99
10) Phenol	5.33	94	582383	39.67	ng		98
11) bis(2-Chloroethyl)ether	5.42	93	411982	37.86	ng		100
12) 1,3-Dichlorobenzene	5.69	146	455013	40.49	ng		99
13) 1,4-Dichlorobenzene	5.79	146	458826	39.98	ng		99
14) 1,2-Dichlorobenzene	6.01	146	425257	40.30	ng		100
15) Benzyl Alcohol	6.01	79	364642	41.87	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.20	45	802224	39.77	ng		99
17) 2-Methylphenol	6.20	107	329465	39.40	ng		98
18) Hexachloroethane	6.50	117	161062	40.21	ng		98
19) n-Nitroso-di-n-propylamine	6.41	70	331889	39.63	ng		98
20) 3+4-Methylphenols	6.43	107	441916	40.68	ng		99
22) Acetophenone	6.38	105	631107	40.68	ng		100
24) Nitrobenzene	6.62	77	501716	39.53	ng		99
25) Isophorone	7.00	82	895293	40.46	ng		100
26) 2-Nitrophenol	7.10	139	202708	40.48	ng		98
27) 2,4-Dimethylphenol	7.23	122	359391	40.62	ng		98
28) bis(2-Chloroethoxy)methane	7.36	93	505239	40.97	ng		99
29) 2,4-Dichlorophenol	7.49	162	331322	41.47	ng		93
30) 1,2,4-Trichlorobenzene	7.60	180	358667	40.60	ng		99
31) Naphthalene	7.71	128	1163148	40.57	ng		99
32) Benzoic acid	7.49	122	162779	33.71	ng		97
33) 4-Chloroaniline	7.82	127	455687	40.63	ng		98
34) Hexachlorobutadiene	7.92	225	208638	39.97	ng		98
35) Caprolactam	8.43	113	100705	39.63	ng		94
36) 4-Chloro-3-methylphenol	8.66	107	361898	40.25	ng		98
37) 2-Methylnaphthalene	8.81	142	707774	39.92	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	347109	40.68	ng	#	100
40) Hexachlorocyclopentadiene	9.06	237	109286	38.80	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	219959	41.05	ng		99
43) 2,4,5-Trichlorophenol	9.37	196	221647	40.16	ng		99
45) 1,1'-Biphenyl	9.57	154	925939	40.15	ng		99
46) 2-Chloronaphthalene	9.58	162	702518	40.42	ng		99
47) 2-Nitroaniline	9.78	65	252360	40.77	ng		98
48) Acenaphthylene	10.24	152	1140529	40.08	ng		100
49) Dimethylphthalate	10.11	163	811989	39.75	ng		100
50) 2,6-Dinitrotoluene	10.19	165	175047	40.70	ng		96
51) Acenaphthene	10.52	154	655357	40.02	ng		98
52) 3-Nitroaniline	10.45	138	190133	41.00	ng		98
53) 2,4-Dinitrophenol	10.65	184	74228	37.91	ng		98
54) Dibenzofuran	10.80	168	904881	39.89	ng		95
55) 4-Nitrophenol	10.83	139	100466m	38.47	ng		
56) 2,4-Dinitrotoluene	10.84	165	232704	41.43	ng	#	98
57) Fluorene	11.36	166	797877	40.43	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.04	232	169315	41.02	ng	#	100
59) Diethylphthalate	11.25	149	780740	39.72	ng		99
60) 4-Chlorophenyl-phenylether	11.38	204	369266	39.04	ng		99
61) 4-Nitroaniline	11.46	138	175822	41.85	ng		97
62) Azobenzene	11.64	77	824846	39.33	ng		99
64) 4,6-Dinitro-2-methylphenol	11.50	198	127519	39.84	ng		96
65) n-Nitrosodiphenylamine	11.59	169	635582	39.83	ng		99
66) 4-Bromophenyl-phenylether	12.17	248	214274	40.68	ng		96
67) Hexachlorobenzene	12.24	284	223890	39.76	ng		98
68) Atrazine	12.50	200	192652	39.92	ng		100
69) Pentachlorophenol	12.59	266	94309	39.25	ng		96
70) Phenanthrene	12.90	178	1127473	40.19	ng		99
71) Anthracene	12.98	178	1151374	40.24	ng		99
72) Carbazole	13.28	167	989408	40.27	ng		99
73) Di-n-butylphthalate	13.91	149	1221208	41.27	ng		99
74) Fluoranthene	14.82	202	1122727	40.38	ng		99
76) Benzidine	15.08	184	560504	43.03	ng		99
77) Pyrene	15.17	202	1123047	41.64	ng		100
79) Butylbenzylphthalate	16.32	149	465133	43.86	ng		99
80) Benzo(a)anthracene	17.04	228	873846	41.42	ng		99
81) 3,3'-Dichlorobenzidine	17.03	252	278772	41.32	ng		96
82) Chrysene	17.08	228	851222	40.50	ng		99
83) Bis(2-ethylhexyl)phthalate	17.16	149	590656	42.44	ng		100
84) Di-n-octyl phthalate	17.92	149	833601	42.00	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.92	276	740112	41.08	ng	#	100
87) Benzo(b)fluoranthene	18.29	252	634110m	39.79	ng		
88) Benzo(k)fluoranthene	18.32	252	684531m	41.93	ng		
89) Benzo(a)pyrene	18.61	252	631333	40.73	ng		99
90) Dibenzo(a,h)anthracene	19.93	278	629695	42.22	ng		99
91) Benzo(g,h,i)perylene	20.27	276	634701	42.23	ng		99

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

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