Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083006.D
Acq On : 18 Nov 2015 12:58
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Mmdadoda
11/19/2015 6:44:04 PM

Quant Time: Nov 19 01:44:52 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 18 13:32:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	268833	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	1036262	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	554975	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	996921	20.00	ng		0.00
75) Chrysene-d12	13.89	240	743849	20.00	ng		0.00
86) Perylene-d12	15.28	264	628277	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1345752	77.89	ng		0.00
7) Phenol-d6	6.40	99	1656481	72.12	ng		0.00
23) Nitrobenzene-d5	7.31	82	1728818	72.59	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	427050	67.11	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	2424984	62.63	ng		0.00
78) Terphenyl-d14	12.84	244	2312469	73.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	303655	40.73	ng		97
3) Pyridine	2.91	79	950624	43.94	ng		96
4) n-Nitrosodimethylamine	2.88	42	421024	39.24	ng	#	73
6) Aniline	6.40	93	1190179	36.90	ng	#	71
8) 2-Chlorophenol	6.52	128	679547	35.48	ng	#	81
9) Benzaldehyde	6.27	77	457075	36.02	ng		93
10) Phenol	6.41	94	971431	37.27	ng		91
11) bis(2-Chloroethyl)ether	6.48	93	724822	37.19	ng		93
12) 1,3-Dichlorobenzene	6.67	146	788329	36.49	ng		94
13) 1,4-Dichlorobenzene	6.75	146	772419	34.37	ng		98
14) 1,2-Dichlorobenzene	6.91	146	810656	39.66	ng		99
15) Benzyl Alcohol	6.89	79	662280	32.83	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1106842	38.72	ng		87
17) 2-Methylphenol	7.01	107	594766	36.66	ng		97
18) Hexachloroethane	7.25	117	314439	39.12	ng	#	84
19) n-Nitroso-di-n-propylamine	7.17	70	616996	36.54	ng	#	86
20) 3+4-Methylphenols	7.17	107	788487	37.38	ng	#	60
22) Acetophenone	7.16	105	1182552	39.83	ng		99
24) Nitrobenzene	7.33	77	914379	37.54	ng		90
25) Isophorone	7.57	82	1705674	38.71	ng		98
26) 2-Nitrophenol	7.64	139	393345	38.69	ng	#	76
27) 2,4-Dimethylphenol	7.70	122	683553	37.42	ng		94
28) bis(2-Chloroethoxy)methane	7.79	93	1021215	41.09	ng		99
29) 2,4-Dichlorophenol	7.89	162	646566	39.17	ng		92
30) 1,2,4-Trichlorobenzene	7.97	180	719428	38.75	ng	#	94
31) Naphthalene	8.04	128	2006250	35.09	ng		99
32) Benzoic acid	7.86	122	470926	37.66	ng		92
33) 4-Chloroaniline	8.10	127	832353	33.78	ng		94
34) Hexachlorobutadiene	8.17	225	399315	34.37	ng		99
35) Caprolactam	8.50	113	202131	38.84	ng	#	88
36) 4-Chloro-3-methylphenol	8.60	107	795435	40.97	ng	#	84
37) 2-Methylnaphthalene	8.74	142	1443169	39.02	ng		95
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	676194	37.08	ng		98
40) Hexachlorocyclopentadiene	8.90	237	376343	38.41	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	510074	37.47	ng		98
43) 2,4,5-Trichlorophenol	9.07	196	519906	38.61	ng	#	78
45) 1,1'-Biphenyl	9.21	154	1957621	41.11	ng		98
46) 2-Chloronaphthalene	9.23	162	1472436	39.64	ng		95
47) 2-Nitroaniline	9.32	65	488099	35.42	ng	#	82
48) Acenaphthylene	9.64	152	2207161	37.91	ng		100
49) Dimethylphthalate	9.52	163	1524535	33.53	ng		100
50) 2,6-Dinitrotoluene	9.57	165	404818	41.73	ng	#	79
51) Acenaphthene	9.81	154	1448173	39.25	ng		99
52) 3-Nitroaniline	9.73	138	428687	40.18	ng	#	87
53) 2,4-Dinitrophenol	9.84	184	189269	35.53	ng	#	27
54) Dibenzofuran	9.98	168	1932171	38.84	ng		90
55) 4-Nitrophenol	9.92	139	347226	42.42	ng		90
56) 2,4-Dinitrotoluene	9.97	165	512651	38.95	ng		96
57) Fluorene	10.33	166	1592019	39.52	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	379087	34.50	ng	#	87
59) Diethylphthalate	10.21	149	1690736	38.08	ng		97
60) 4-Chlorophenyl-phenylether	10.32	204	616499	30.58	ng	#	87
61) 4-Nitroaniline	10.36	138	485506	45.25	ng	#	69
62) Azobenzene	10.48	77	1699099	35.63	ng		93
64) 4,6-Dinitro-2-methylphenol	10.38	198	299793	42.21	ng		92
65) n-Nitrosodiphenylamine	10.44	169	1283757	35.64	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	460020	38.32	ng	#	89
67) Hexachlorobenzene	10.88	284	499742	37.28	ng	#	60
68) Atrazine	10.98	200	440533	39.56	ng		91
69) Pentachlorophenol	11.07	266	281193	34.55	ng		98
70) Phenanthrene	11.28	178	1873206	32.36	ng		99
71) Anthracene	11.33	178	2297721	37.68	ng		100
72) Carbazole	11.48	167	1829824	34.28	ng		98
73) Di-n-butylphthalate	11.82	149	2197187	33.03	ng		99
74) Fluoranthene	12.46	202	2341150	37.68	ng		98
76) Benzidine	12.59	184	1001251	40.16	ng		99
77) Pyrene	12.69	202	2352853	46.06	ng		99
79) Butylbenzylphthalate	13.32	149	1123451	49.78	ng	#	81
80) Benzo(a)anthracene	13.87	228	2080428	44.73	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	743674	44.97	ng	#	96
82) Chrysene	13.92	228	1930723	45.32	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1346536	43.59	ng		100
84) Di-n-octyl phthalate	14.50	149	2131475	41.37	ng		98
85) Indeno(1,2,3-cd)pyrene	16.60	276	1434237	39.09	ng		97
87) Benzo(b)fluoranthene	14.90	252	1604487m	39.79	ng		
88) Benzo(k)fluoranthene	14.92	252	1228583m	34.34	ng		
89) Benzo(a)pyrene	15.23	252	1318609	37.74	ng		99
90) Dibenzo(a,h)anthracene	16.63	278	1180782	39.91	ng		99
91) Benzo(g,h,i)perylene	17.00	276	1217025	42.95	ng	#	96

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

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