Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103015\
Data File : BF082590.D
Acq On : 31 Oct 2015 00:04
Operator : UM/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF103015

Manual Integrations APPROVED
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11/2/2015 4:32:05 PM

Quant Time: Oct 31 03:30:23 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 31 00:17:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	194022	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	711086	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	360981	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	695882	20.00	ng		0.00
75) Chrysene-d12	14.08	240	550243	20.00	ng		0.00
86) Perylene-d12	15.53	264	457059	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1054880	81.89	ng		0.00
7) Phenol-d6	6.53	99	1306264	76.33	ng		0.00
23) Nitrobenzene-d5	7.47	82	1370835	78.72	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	293953	74.41	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	1963269	77.22	ng		0.00
78) Terphenyl-d14	13.03	244	1840601	73.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	228154	38.31	ng		91
3) Pyridine	3.26	79	663530	38.00	ng		98
4) n-Nitrosodimethylamine	3.21	42	387278	39.40	ng		97
6) Aniline	6.57	93	936087	39.29	ng		99
8) 2-Chlorophenol	6.69	128	534717	38.36	ng		99
9) Benzaldehyde	6.44	77	429485	36.76	ng		98
10) Phenol	6.54	94	760971	39.24	ng		100
11) bis(2-Chloroethyl)ether	6.64	93	508177	35.52	ng		99
12) 1,3-Dichlorobenzene	6.84	146	594525	37.41	ng		99
13) 1,4-Dichlorobenzene	6.92	146	607223	38.52	ng		99
14) 1,2-Dichlorobenzene	7.08	146	616152	42.11	ng		99
15) Benzyl Alcohol	7.05	79	655473	41.07	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	896948	39.45	ng		92
17) 2-Methylphenol	7.16	107	479051	40.42	ng		98
18) Hexachloroethane	7.42	117	254389	41.35	ng		97
19) n-Nitroso-di-n-propylamine	7.33	70	508512	39.20	ng	#	82
20) 3+4-Methylphenols	7.31	107	574246	37.29	ng		95
22) Acetophenone	7.32	105	904957	43.23	ng		96
24) Nitrobenzene	7.49	77	798444	45.36	ng		94
25) Isophorone	7.73	82	1256587	39.22	ng		99
26) 2-Nitrophenol	7.80	139	260550	40.52	ng		99
27) 2,4-Dimethylphenol	7.85	122	502308	40.02	ng		97
28) bis(2-Chloroethoxy)methane	7.95	93	723742	41.30	ng		100
29) 2,4-Dichlorophenol	8.05	162	478906	41.86	ng		98
30) 1,2,4-Trichlorobenzene	8.13	180	489735	38.57	ng		99
31) Naphthalene	8.21	128	1397132	36.31	ng		100
32) Benzoic acid	7.96	122	397134	43.61	ng		99
33) 4-Chloroaniline	8.26	127	578642	35.22	ng		99
34) Hexachlorobutadiene	8.34	225	325356	40.29	ng		99
35) Caprolactam	8.64	113	144635	41.21	ng		99
36) 4-Chloro-3-methylphenol	8.74	107	494035	36.67	ng		99
37) 2-Methylnaphthalene	8.91	142	1056679	42.37	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	520543	43.21	ng		99
40) Hexachlorocyclopentadiene	9.07	237	326190	43.07	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	362568	41.69	ng		98
43) 2,4,5-Trichlorophenol	9.22	196	329353	38.00	ng		96
45) 1,1'-Biphenyl	9.38	154	1357888	44.53	ng		99
46) 2-Chloronaphthalene	9.40	162	1039192	43.65	ng		99
47) 2-Nitroaniline	9.48	65	366429	39.59	ng		99
48) Acenaphthylene	9.81	152	1519383	39.90	ng		100
49) Dimethylphthalate	9.68	163	1069379	36.27	ng		99
50) 2,6-Dinitrotoluene	9.73	165	256268	41.94	ng		91
51) Acenaphthene	9.98	154	913725	37.80	ng		98
52) 3-Nitroaniline	9.89	138	288169	42.39	ng		98
53) 2,4-Dinitrophenol	10.00	184	108579	37.26	ng		87
54) Dibenzofuran	10.16	168	1193519	36.38	ng		99
55) 4-Nitrophenol	10.05	139	244200	47.74	ng		95
56) 2,4-Dinitrotoluene	10.13	165	348251	42.14	ng		94
57) Fluorene	10.50	166	1010186	38.18	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	277274	37.86	ng		99
59) Diethylphthalate	10.38	149	1232115	41.05	ng		99
60) 4-Chlorophenyl-phenylether	10.50	204	533174	41.45	ng		97
61) 4-Nitroaniline	10.51	138	251805	38.81	ng		97
62) Azobenzene	10.66	77	1438020	42.49	ng		98
64) 4,6-Dinitro-2-methylphenol	10.54	198	205808	49.04	ng		98
65) n-Nitrosodiphenylamine	10.61	169	974272	40.73	ng		99
66) 4-Bromophenyl-phenylether	10.99	248	317887	40.31	ng		99
67) Hexachlorobenzene	11.05	284	335429	38.36	ng		95
68) Atrazine	11.14	200	279729	35.74	ng		99
69) Pentachlorophenol	11.24	266	254116	44.07	ng		98
70) Phenanthrene	11.46	178	1442166	36.74	ng		99
71) Anthracene	11.52	178	1693798	42.86	ng		99
72) Carbazole	11.66	167	1475726	42.87	ng		99
73) Di-n-butylphthalate	12.01	149	1847551	42.16	ng		100
74) Fluoranthene	12.65	202	1528077	38.08	ng		99
76) Benzidine	12.77	184	1025400	41.32	ng		97
77) Pyrene	12.88	202	1526058	37.45	ng		100
79) Butylbenzylphthalate	13.51	149	747953	41.91	ng		99
80) Benzo(a)anthracene	14.07	228	1391566	39.81	ng		100
81) 3,3'-Dichlorobenzidine	14.03	252	505055	41.93	ng		98
82) Chrysene	14.11	228	1353670	42.73	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	1013346	43.80	ng	#	99
84) Di-n-octyl phthalate	14.69	149	1474778	40.87	ng		99
85) Indeno(1,2,3-cd)pyrene	16.97	276	1094314	41.86	ng		99
87) Benzo(b)fluoranthene	15.12	252	1206949	38.30	ng	#	98
88) Benzo(k)fluoranthene	15.14	252	919081m	38.28	ng		
89) Benzo(a)pyrene	15.47	252	960956	38.72	ng		99
90) Dibenzo(a,h)anthracene	16.99	278	898053	38.78	ng	#	97
91) Benzo(g,h,i)perylene	17.40	276	882135	39.30	ng	#	94

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

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