Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
Data File : BF083377.D
Acq On : 1 Dec 2015 17:25
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Mmdadoda
12/2/2015 6:12:43 PM

Quant Time: Dec 02 03:28:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	175892	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	673241	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	353554	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	681765	20.00	ng		0.00
75) Chrysene-d12	14.76	240	627356	20.00	ng		0.00
86) Perylene-d12	16.82	264	498004	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	887118	75.68	ng		0.00
7) Phenol-d6	6.22	99	1225260	76.37	ng		0.00
23) Nitrobenzene-d5	7.13	82	1149030	75.03	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	280066	78.91	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	1763044	71.06	ng		0.00
78) Terphenyl-d14	13.22	244	1946786	74.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.95	88	228354	35.98	ng		98
3) Pyridine	2.57	79	562171	35.41	ng		97
4) n-Nitrosodimethylamine	2.52	42	314407	40.23	ng		94
6) Aniline	6.21	93	808804	36.85	ng		99
8) 2-Chlorophenol	6.34	128	500716	38.72	ng		99
9) Benzaldehyde	6.09	77	303152	39.06	ng		99
10) Phenol	6.24	94	723177	37.46	ng		99
11) bis(2-Chloroethyl)ether	6.29	93	533427	37.99	ng		98
12) 1,3-Dichlorobenzene	6.49	146	549344	38.22	ng		100
13) 1,4-Dichlorobenzene	6.57	146	572937	38.57	ng		99
14) 1,2-Dichlorobenzene	6.73	146	486870	35.72	ng		99
15) Benzyl Alcohol	6.72	79	487661	39.33	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.85	45	942163	38.24	ng		96
17) 2-Methylphenol	6.84	107	421461	39.11	ng		99
18) Hexachloroethane	7.06	117	193275	37.46	ng		99
19) n-Nitroso-di-n-propylamine	6.99	70	475712	41.48	ng		96
20) 3+4-Methylphenols	7.00	107	555360	38.04	ng		99
22) Acetophenone	6.98	105	783841	38.91	ng		99
24) Nitrobenzene	7.15	77	618031	37.79	ng		98
25) Isophorone	7.39	82	1168157	39.38	ng		99
26) 2-Nitrophenol	7.46	139	248691	37.25	ng		99
27) 2,4-Dimethylphenol	7.53	122	450847	40.29	ng		98
28) bis(2-Chloroethoxy)methane	7.61	93	631198	37.36	ng		99
29) 2,4-Dichlorophenol	7.71	162	407801	37.89	ng		96
30) 1,2,4-Trichlorobenzene	7.79	180	447600	38.21	ng		100
31) Naphthalene	7.86	128	1364415	37.35	ng		99
32) Benzoic acid	7.69	122	337841	43.77	ng		96
33) 4-Chloroaniline	7.93	127	629698	39.99	ng		98
34) Hexachlorobutadiene	7.98	225	252102	37.90	ng		98
35) Caprolactam	8.32	113	143607	42.23	ng	#	78
36) 4-Chloro-3-methylphenol	8.43	107	483427	40.04	ng		96
37) 2-Methylnaphthalene	8.56	142	933442	38.24	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	408595	36.46	ng		99
40) Hexachlorocyclopentadiene	8.70	237	182228	34.23	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	308941	39.30	ng		98
43) 2,4,5-Trichlorophenol	8.89	196	317639	39.00	ng		96
45) 1,1'-Biphenyl	9.02	154	1153210	37.20	ng		98
46) 2-Chloronaphthalene	9.04	162	863261	36.54	ng		100
47) 2-Nitroaniline	9.15	65	378133	40.41	ng		96
48) Acenaphthylene	9.45	152	1385885	36.78	ng		100
49) Dimethylphthalate	9.33	163	1033545	35.97	ng		99
50) 2,6-Dinitrotoluene	9.39	165	220873	36.00	ng		89
51) Acenaphthene	9.62	154	794429	35.84	ng		99
52) 3-Nitroaniline	9.56	138	272081	37.83	ng		96
53) 2,4-Dinitrophenol	9.66	184	121718	37.01	ng	#	88
54) Dibenzofuran	9.79	168	1177293	36.24	ng		100
55) 4-Nitrophenol	9.76	139	145401m	32.32	ng		
56) 2,4-Dinitrotoluene	9.79	165	289614	37.20	ng		93
57) Fluorene	10.13	166	911391	35.53	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	254083	38.66	ng		99
59) Diethylphthalate	10.03	149	1014750	37.05	ng		99
60) 4-Chlorophenyl-phenylether	10.13	204	456890	38.77	ng		98
61) 4-Nitroaniline	10.18	138	278128	38.65	ng		95
62) Azobenzene	10.29	77	1328430	40.15	ng		99
64) 4,6-Dinitro-2-methylphenol	10.20	198	182074	39.77	ng		84
65) n-Nitrosodiphenylamine	10.26	169	930861	38.85	ng		100
66) 4-Bromophenyl-phenylether	10.64	248	297633	39.91	ng		98
67) Hexachlorobenzene	10.70	284	322086	39.06	ng		99
68) Atrazine	10.83	200	257886	38.92	ng		95
69) Pentachlorophenol	10.92	266	170808	39.54	ng		98
70) Phenanthrene	11.16	178	1549234	38.40	ng		98
71) Anthracene	11.22	178	1563244	38.49	ng		100
72) Carbazole	11.41	167	1347031	36.91	ng		99
73) Di-n-butylphthalate	11.86	149	1734530	40.11	ng		100
74) Fluoranthene	12.66	202	1590602	38.03	ng		100
76) Benzidine	12.87	184	733299	39.24	ng		99
77) Pyrene	12.98	202	1637824	37.38	ng		98
79) Butylbenzylphthalate	13.96	149	736195	39.61	ng		99
80) Benzo(a)anthracene	14.74	228	1436988	37.39	ng		100
81) 3,3'-Dichlorobenzidine	14.74	252	480559	40.03	ng	#	97
82) Chrysene	14.80	228	1375212	37.03	ng		100
83) Bis(2-ethylhexyl)phthalate	14.88	149	1052435	42.21	ng		100
84) Di-n-octyl phthalate	15.85	149	1704703	45.92	ng		98
85) Indeno(1,2,3-cd)pyrene	18.20	276	1039447	38.43	ng		100
87) Benzo(b)fluoranthene	16.32	252	1176325m	36.81	ng		
88) Benzo(k)fluoranthene	16.35	252	1158879	38.41	ng		97
89) Benzo(a)pyrene	16.75	252	1058222	38.56	ng		99
90) Dibenzo(a,h)anthracene	18.23	278	874609	36.57	ng		99
91) Benzo(g,h,i)perylene	18.58	276	820346	34.95	ng		98

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

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