Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112715\
Data File : BF083335.D
Acq On : 27 Nov 2015 18:05
Operator : UM/IZ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
Mmdadoda
12/1/2015 5:23:01 PM

Quant Time: Nov 27 18:32:57 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 27 18:13:04 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	166968	20.00	ng		0.01
21) Naphthalene-d8	7.86	136	616800	20.00	ng		0.01
38) Acenaphthene-d10	9.60	164	302383	20.00	ng		0.00
63) Phenanthrene-d10	11.07	188	549083	20.00	ng		0.00
75) Chrysene-d12	13.69	240	318834	20.00	ng		0.00
86) Perylene-d12	15.04	264	329212	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	1754606	76.12	ng		0.01
7) Phenol-d6	6.25	99	2261426	74.56	ng		0.01
23) Nitrobenzene-d5	7.15	82	2202386	78.68	ng		0.01
41) 2,4,6-Tribromophenol	10.40	330	483525	87.57	ng		0.01
44) 2-Fluorobiphenyl	8.95	172	3243536	76.01	ng		0.01
78) Terphenyl-d14	12.66	244	2575855	82.79	ng		0.01
Target Compounds							Qvalue
3) Pyridine	2.60	79	1265944	89.30	ng		95
4) n-Nitrosodimethylamine	2.58	42	639773	89.74	ng		91
6) Aniline	6.24	93	1554928	75.22	ng		93
8) 2-Chlorophenol	6.36	128	927205	74.66	ng		87
9) Benzaldehyde	6.10	77	471583	57.65	ng		94
10) Phenol	6.26	94	1464810	80.92	ng	#	75
11) bis(2-Chloroethyl)ether	6.32	93	1013576	74.94	ng		96
12) 1,3-Dichlorobenzene	6.50	146	999700	72.94	ng		98
13) 1,4-Dichlorobenzene	6.58	146	1009943	70.40	ng		98
14) 1,2-Dichlorobenzene	6.74	146	942566	71.53	ng		99
15) Benzyl Alcohol	6.74	79	901926	77.50	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.87	45	1725148	73.38	ng		82
17) 2-Methylphenol	6.87	107	805013	80.02	ng		98
18) Hexachloroethane	7.07	117	390187	77.19	ng	#	78
19) n-Nitroso-di-n-propylamine	7.02	70	828162	77.73	ng		97
20) 3+4-Methylphenols	7.03	107	1077142	79.05	ng		97
22) Acetophenone	7.00	105	1471183	80.71	ng	#	94
24) Nitrobenzene	7.16	77	1068437	70.00	ng		98
25) Isophorone	7.42	82	2177153	81.11	ng		99
26) 2-Nitrophenol	7.48	139	531009	86.48	ng		96
27) 2,4-Dimethylphenol	7.54	122	790510	76.31	ng		97
28) bis(2-Chloroethoxy)methane	7.63	93	1312647	87.46	ng		99
29) 2,4-Dichlorophenol	7.74	162	779030	79.04	ng		100
30) 1,2,4-Trichlorobenzene	7.80	180	827346	76.74	ng		99
31) Naphthalene	7.88	128	2650281	78.22	ng		97
32) Benzoic acid	7.72	122	516215	105.72	ng		94
33) 4-Chloroaniline	7.94	127	991959	69.49	ng		97
34) Hexachlorobutadiene	8.01	225	479862	77.78	ng		98
35) Caprolactam	8.35	113	231536	83.17	ng		95
36) 4-Chloro-3-methylphenol	8.44	107	815291	75.02	ng		90
37) 2-Methylnaphthalene	8.57	142	1565312	70.53	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	809479	82.87	ng		99
40) Hexachlorocyclopentadiene	8.73	237	415379	101.27	ng		99
42) 2,4,6-Trichlorophenol	8.86	196	544083	80.13	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.91	196	565574	81.97	ng		99
45) 1,1'-Biphenyl	9.04	154	1836883	67.06	ng		93
46) 2-Chloronaphthalene	9.06	162	1632010	80.10	ng		95
47) 2-Nitroaniline	9.16	65	593604	75.56	ng		96
48) Acenaphthylene	9.47	152	2492530	78.13	ng		98
49) Dimethylphthalate	9.36	163	1775512	77.16	ng		100
50) 2,6-Dinitrotoluene	9.42	165	468014	93.04	ng	#	67
51) Acenaphthene	9.64	154	1543783	83.83	ng		99
52) 3-Nitroaniline	9.59	138	512966	88.39	ng		93
53) 2,4-Dinitrophenol	9.69	184	193953	128.07	ng	#	70
54) Dibenzofuran	9.82	168	2037013	76.53	ng		96
55) 4-Nitrophenol	9.77	139	306634	106.57	ng		87
56) 2,4-Dinitrotoluene	9.82	165	550221	87.40	ng	#	83
57) Fluorene	10.15	166	1454078	66.23	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	453066	84.91	ng		96
59) Diethylphthalate	10.04	149	1620514	73.15	ng		96
60) 4-Chlorophenyl-phenylether	10.15	204	699978	69.10	ng		94
61) 4-Nitroaniline	10.20	138	463601	86.52	ng		95
62) Azobenzene	10.31	77	2134028	77.26	ng		96
64) 4,6-Dinitro-2-methylphenol	10.23	198	330520	111.31	ng		88
65) n-Nitrosodiphenylamine	10.27	169	1406293	69.17	ng		98
66) 4-Bromophenyl-phenylether	10.63	248	469185	75.01	ng	#	81
67) Hexachlorobenzene	10.70	284	512819	73.15	ng		99
68) Atrazine	10.81	200	431893	78.41	ng		96
69) Pentachlorophenol	10.89	266	278700	93.26	ng		99
70) Phenanthrene	11.10	178	2402107	73.41	ng		99
71) Anthracene	11.15	178	2299606	68.16	ng		98
72) Carbazole	11.31	167	1974022	69.80	ng		98
73) Di-n-butylphthalate	11.66	149	2504785	74.73	ng		99
74) Fluoranthene	12.27	202	2227212	73.55	ng		96
76) Benzidine	12.41	184	876099	77.76	ng	#	94
77) Pyrene	12.50	202	2155200	82.13	ng		98
79) Butylbenzylphthalate	13.14	149	950208	100.48	ng	#	86
80) Benzo(a)anthracene	13.68	228	1705112	85.31	ng		99
81) 3,3'-Dichlorobenzidine	13.66	252	516881	81.47	ng	#	98
82) Chrysene	13.73	228	1659625	88.13	ng		100
83) Bis(2-ethylhexyl)phthalate	13.70	149	1102114	90.19	ng	#	97
84) Di-n-octyl phthalate	14.31	149	1708399	85.29	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.26	276	1890717	85.92	ng		96
87) Benzo(b)fluoranthene	14.69	252	1665087m	73.90	ng		
88) Benzo(k)fluoranthene	14.71	252	1121375m	63.92	ng		
89) Benzo(a)pyrene	14.98	252	1380524	76.58	ng	#	93
90) Dibenzo(a,h)anthracene	16.27	278	1539688	76.10	ng		98
91) Benzo(g,h,i)perylene	16.62	276	1591863	78.02	ng	#	92

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

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