Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112715\
Data File : BF083332.D
Acq On : 27 Nov 2015 16:36
Operator : UM/IZ
Sample : SSTDICC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC040

Manual Integrations APPROVED
Mmdadoda
12/1/2015 5:22:54 PM

Quant Time: Nov 27 17:10:29 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 16:54:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	158827m	20.00	ng		-0.10
21) Naphthalene-d8	7.85	136	603338	20.00	ng		-0.10
38) Acenaphthene-d10	9.60	164	300789	20.00	ng		-0.10
63) Phenanthrene-d10	11.07	188	514502	20.00	ng		-0.10
75) Chrysene-d12	13.69	240	333024	20.00	ng		-0.11
86) Perylene-d12	15.03	264	348074	20.00	ng		-0.14
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	868150	82.64	ng		-0.14
7) Phenol-d6	6.24	99	1134228	83.44	ng		-0.10
23) Nitrobenzene-d5	7.14	82	1066346	80.76	ng		-0.09
41) 2,4,6-Tribromophenol	10.39	330	220089	71.52	ng		-0.10
44) 2-Fluorobiphenyl	8.94	172	1583094	73.39	ng		-0.09
78) Terphenyl-d14	12.65	244	1116599	78.96	ng		-0.11
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	16824m	3.23	ng		
3) Pyridine	2.60	79	523942m	38.12	ng		
4) n-Nitrosodimethylamine	2.55	42	268528m	42.36	ng		
6) Aniline	6.23	93	761848	45.86	ng		98
8) 2-Chlorophenol	6.35	128	468110	41.24	ng		96
9) Benzaldehyde	6.10	77	276043m	38.86	ng		
10) Phenol	6.25	94	685346m	41.68	ng		
11) bis(2-Chloroethyl)ether	6.31	93	487274	41.50	ng		93
12) 1,3-Dichlorobenzene	6.50	146	518679m	40.02	ng		
13) 1,4-Dichlorobenzene	6.58	146	533143m	40.67	ng		
14) 1,2-Dichlorobenzene	6.74	146	455212	38.20	ng		96
15) Benzyl Alcohol	6.73	79	452416	39.83	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.87	45	853220	46.60	ng	#	58
17) 2-Methylphenol	6.86	107	387399	41.25	ng		92
18) Hexachloroethane	7.07	117	183230	39.68	ng	#	80
19) n-Nitroso-di-n-propylamine	7.00	70	397411m	42.01	ng		
20) 3+4-Methylphenols	7.02	107	509056	42.88	ng		98
22) Acetophenone	6.99	105	694183	40.08	ng	#	94
24) Nitrobenzene	7.15	77	531708	37.69	ng		95
25) Isophorone	7.40	82	1010753	40.43	ng		99
26) 2-Nitrophenol	7.47	139	229915	36.91	ng	#	80
27) 2,4-Dimethylphenol	7.54	122	405220	40.77	ng		92
28) bis(2-Chloroethoxy)methane	7.62	93	575444	39.59	ng		99
29) 2,4-Dichlorophenol	7.72	162	363189	38.42	ng		92
30) 1,2,4-Trichlorobenzene	7.80	180	409954	39.48	ng		97
31) Naphthalene	7.87	128	1219132	37.44	ng		99
32) Benzoic acid	7.68	122	189140	24.48	ng		94
33) 4-Chloroaniline	7.94	127	560525	44.37	ng	#	88
34) Hexachlorobutadiene	8.00	225	227190	37.02	ng		98
35) Caprolactam	8.32	113	112051	36.98	ng		97
36) 4-Chloro-3-methylphenol	8.44	107	388883	35.51	ng		95
37) 2-Methylnaphthalene	8.57	142	845156	39.99	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	362631	37.20	ng		99
40) Hexachlorocyclopentadiene	8.73	237	174285	31.44	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	267190	38.27	ng		97
43) 2,4,5-Trichlorophenol	8.90	196	273345	38.29	ng		96
45) 1,1'-Biphenyl	9.03	154	951938	37.18	ng		95
46) 2-Chloronaphthalene	9.05	162	758973	37.74	ng		94
47) 2-Nitroaniline	9.15	65	280842	39.48	ng		95
48) Acenaphthylene	9.46	152	1237031	39.70	ng		99
49) Dimethylphthalate	9.35	163	923095	39.86	ng		99
50) 2,6-Dinitrotoluene	9.40	165	203330	39.13	ng	#	63
51) Acenaphthene	9.63	154	728381	38.41	ng		99
52) 3-Nitroaniline	9.58	138	213452	38.53	ng		99
53) 2,4-Dinitrophenol	9.68	184	71269	23.81	ng	#	80
54) Dibenzofuran	9.80	168	1010518	37.68	ng		99
55) 4-Nitrophenol	9.76	139	128234	30.19	ng	#	82
56) 2,4-Dinitrotoluene	9.80	165	261137	39.66	ng	#	83
57) Fluorene	10.15	166	850642	38.38	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	205530	35.09	ng		99
59) Diethylphthalate	10.03	149	799258	34.67	ng		95
60) 4-Chlorophenyl-phenylether	10.15	204	381926	37.63	ng	#	79
61) 4-Nitroaniline	10.18	138	212976	39.05	ng		95
62) Azobenzene	10.30	77	1006960	38.27	ng		95
64) 4,6-Dinitro-2-methylphenol	10.20	198	119595	33.74	ng	#	49
65) n-Nitrosodiphenylamine	10.26	169	696046	39.78	ng		99
66) 4-Bromophenyl-phenylether	10.63	248	237497	41.60	ng		93
67) Hexachlorobenzene	10.68	284	239407	38.08	ng	#	82
68) Atrazine	10.80	200	211867	41.69	ng		99
69) Pentachlorophenol	10.89	266	120954	29.54	ng		99
70) Phenanthrene	11.10	178	1204891	40.65	ng		99
71) Anthracene	11.14	178	1122554	37.12	ng		98
72) Carbazole	11.31	167	981968	36.53	ng		97
73) Di-n-butylphthalate	11.66	149	1211116	36.91	ng	#	97
74) Fluoranthene	12.27	202	1072460	35.35	ng		98
76) Benzidine	12.41	184	424701	48.66	ng		99
77) Pyrene	12.50	202	1022182	44.93	ng		98
79) Butylbenzylphthalate	13.13	149	358478	33.29	ng	#	84
80) Benzo(a)anthracene	13.68	228	785357	38.13	ng		99
81) 3,3'-Dichlorobenzidine	13.66	252	269467	37.59	ng	#	98
82) Chrysene	13.71	228	669715	35.06	ng		98
83) Bis(2-ethylhexyl)phthalate	13.70	149	499278	35.50	ng	#	97
84) Di-n-octyl phthalate	14.31	149	872923	36.06	ng		95
85) Indeno(1,2,3-cd)pyrene	16.25	276	980307	56.43	ng		96
87) Benzo(b)fluoranthene	14.67	252	684584m	28.78	ng		
88) Benzo(k)fluoranthene	14.71	252	758526m	42.81	ng		
89) Benzo(a)pyrene	14.98	252	725027	36.92	ng	#	96
90) Dibenzo(a,h)anthracene	16.26	278	820572	46.01	ng		100
91) Benzo(g,h,i)perylene	16.61	276	830820	47.72	ng	#	94

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

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