Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083113.D
Acq On : 21 Nov 2015 14:57
Operator : UM/IZ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:01:20 PM

Quant Time: Nov 22 00:10:00 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 23:51:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	177460	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	667269	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	338648	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	644237	20.00	ng		0.00
75) Chrysene-d12	13.81	240	551589	20.00	ng		0.00
86) Perylene-d12	15.17	264	459157	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	921617	79.98	ng		0.00
7) Phenol-d6	6.34	99	1157647	77.66	ng		0.00
23) Nitrobenzene-d5	7.23	82	1148600	79.77	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	284340	82.99	ng		0.00
44) 2-Fluorobiphenyl	9.03	172	1703026	73.34	ng		0.00
78) Terphenyl-d14	12.77	244	1848397	80.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	223067	38.73	ng		99
3) Pyridine	3.10	79	604783m	41.49	ng		
4) n-Nitrosodimethylamine	2.82	42	309920	42.41	ng		97
6) Aniline	6.34	93	770931	40.57	ng	#	78
8) 2-Chlorophenol	6.46	128	492325	39.53	ng		97
9) Benzaldehyde	6.22	77	307551	40.48	ng		95
10) Phenol	6.35	94	654637	36.50	ng		73
11) bis(2-Chloroethyl)ether	6.41	93	513441	39.96	ng		97
12) 1,3-Dichlorobenzene	6.59	146	561029	40.56	ng	#	88
13) 1,4-Dichlorobenzene	6.67	146	564596	39.91	ng		98
14) 1,2-Dichlorobenzene	6.83	146	534047	41.28	ng		98
15) Benzyl Alcohol	6.84	79	512353	40.90	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.96	45	793131	39.81	ng	#	26
17) 2-Methylphenol	6.96	107	406284	39.61	ng	#	89
18) Hexachloroethane	7.18	117	205419	40.23	ng	#	85
19) n-Nitroso-di-n-propylamine	7.11	70	399032	38.23	ng		94
20) 3+4-Methylphenols	7.12	107	529845	40.89	ng		96
22) Acetophenone	7.10	105	723130	38.32	ng	#	99
24) Nitrobenzene	7.26	77	610486	39.59	ng		97
25) Isophorone	7.53	82	1077379	39.20	ng		99
26) 2-Nitrophenol	7.58	139	293437	42.06	ng	#	83
27) 2,4-Dimethylphenol	7.63	122	418565	38.00	ng		97
28) bis(2-Chloroethoxy)methane	7.72	93	644935	40.37	ng		99
29) 2,4-Dichlorophenol	7.83	162	420392	40.43	ng		99
30) 1,2,4-Trichlorobenzene	7.90	180	448920	39.67	ng		97
31) Naphthalene	7.98	128	1408535	40.21	ng		99
32) Benzoic acid	7.82	122	367179	41.55	ng		94
33) 4-Chloroaniline	8.03	127	544779	39.14	ng		99
34) Hexachlorobutadiene	8.09	225	264963	39.62	ng		98
35) Caprolactam	8.49	113	130449	41.07	ng		95
36) 4-Chloro-3-methylphenol	8.55	107	467378	38.83	ng		99
37) 2-Methylnaphthalene	8.66	142	894478	39.52	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	424018	39.03	ng		98
40) Hexachlorocyclopentadiene	8.82	237	256085	39.72	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	310488	39.52	ng		100
43) 2,4,5-Trichlorophenol	9.00	196	312063	38.95	ng		97
45) 1,1'-Biphenyl	9.13	154	1185676	42.05	ng		98
46) 2-Chloronaphthalene	9.15	162	877573	39.56	ng		96
47) 2-Nitroaniline	9.26	65	303776	37.43	ng		98
48) Acenaphthylene	9.56	152	1387346	40.34	ng		99
49) Dimethylphthalate	9.45	163	1022536	40.03	ng		100
50) 2,6-Dinitrotoluene	9.50	165	211745	36.04	ng	#	68
51) Acenaphthene	9.74	154	842363	40.44	ng		100
52) 3-Nitroaniline	9.68	138	255890	39.77	ng	#	68
53) 2,4-Dinitrophenol	9.77	184	136757	40.58	ng	#	65
54) Dibenzofuran	9.91	168	1202845	41.03	ng		95
55) 4-Nitrophenol	9.86	139	186997	39.10	ng	#	75
56) 2,4-Dinitrotoluene	9.90	165	276561	37.32	ng	#	79
57) Fluorene	10.24	166	951241	39.27	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	267332	40.73	ng		98
59) Diethylphthalate	10.15	149	1030517	40.29	ng		97
60) 4-Chlorophenyl-phenylether	10.24	204	431662	39.19	ng	#	83
61) 4-Nitroaniline	10.30	138	259120	40.98	ng		91
62) Azobenzene	10.40	77	1140804	39.22	ng		86
64) 4,6-Dinitro-2-methylphenol	10.31	198	192572	41.74	ng		78
65) n-Nitrosodiphenylamine	10.36	169	831295	38.58	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	288372	40.56	ng	#	80
67) Hexachlorobenzene	10.79	284	308170	39.60	ng		96
68) Atrazine	10.91	200	258135	41.03	ng		98
69) Pentachlorophenol	10.99	266	210181	40.06	ng		98
70) Phenanthrene	11.20	178	1457010	40.64	ng		98
71) Anthracene	11.24	178	1404542	37.87	ng		100
72) Carbazole	11.42	167	1359244	41.27	ng		99
73) Di-n-butylphthalate	11.76	149	1605903	39.59	ng		100
74) Fluoranthene	12.38	202	1393611	37.72	ng		99
76) Benzidine	12.51	184	624891	43.22	ng		98
77) Pyrene	12.61	202	1448906	38.99	ng		99
79) Butylbenzylphthalate	13.25	149	711856	39.65	ng		87
80) Benzo(a)anthracene	13.79	228	1349814	38.61	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	467997	39.39	ng	#	96
82) Chrysene	13.83	228	1195027m	40.65	ng		
83) Bis(2-ethylhexyl)phthalate	13.81	149	899699	38.91	ng		98
84) Di-n-octyl phthalate	14.42	149	1552495	39.17	ng		98
85) Indeno(1,2,3-cd)pyrene	16.45	276	1053178	37.61	ng		97
87) Benzo(b)fluoranthene	14.80	252	1256705m	41.25	ng		
88) Benzo(k)fluoranthene	14.82	252	861595m	37.17	ng		
89) Benzo(a)pyrene	15.12	252	1007831	39.82	ng		99
90) Dibenzo(a,h)anthracene	16.46	278	887331	38.62	ng		99
91) Benzo(g,h,i)perylene	16.82	276	866006	38.60	ng		98

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

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