Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083554.D
Acq On : 7 Dec 2015 10:48
Operator : UM/IZ
Sample : G4573-04MS
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K207-64-65MS

Manual Integrations APPROVED
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12/7/2015 6:34:37 PM

Quant Time: Dec 07 17:04:27 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.73	152	156205	20.00	ng		-0.03
21) Naphthalene-d8	7.64	136	585444	20.00	ng		-0.03
38) Acenaphthene-d10	10.43	164	270102	20.00	ng		-0.03
63) Phenanthrene-d10	12.82	188	433194	20.00	ng		-0.03
75) Chrysene-d12	17.03	240	336255	20.00	ng		-0.02
86) Perylene-d12	18.65	264	256032	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.03	112	1484169	144.15	ng		0.00
7) Phenol-d6	5.31	99	1995574	140.67	ng		-0.01
23) Nitrobenzene-d5	6.57	82	1264756	100.98	ng		-0.03
41) 2,4,6-Tribromophenol	11.72	330	323084	129.67	ng		-0.03
44) 2-Fluorobiphenyl	9.39	172	1821127	91.45	ng		-0.03
78) Terphenyl-d14	15.46	244	1322825	87.54	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.90	88	179486	33.24	ng	#	93
3) Pyridine	2.34	79	505097	39.19	ng		98
4) n-Nitrosodimethylamine	2.30	42	322441	49.67	ng		95
6) Aniline	5.30	93	353514	19.15	ng		91
8) 2-Chlorophenol	5.46	128	518434	45.28	ng		98
9) Benzaldehyde	5.13	77	249135	30.63	ng		98
10) Phenol	5.33	94	774667	46.70	ng	#	72
11) bis(2-Chloroethyl)ether	5.40	93	552638	44.95	ng		98
12) 1,3-Dichlorobenzene	5.65	146	552468	43.50	ng		98
13) 1,4-Dichlorobenzene	5.76	146	550797	42.47	ng		99
14) 1,2-Dichlorobenzene	5.97	146	512180	42.95	ng		98
15) Benzyl Alcohol	5.98	79	532624	54.12	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.17	45	999774	43.86	ng		83
17) 2-Methylphenol	6.18	107	445705	47.16	ng		97
18) Hexachloroethane	6.45	117	176399	38.98	ng	#	87
19) n-Nitroso-di-n-propylamine	6.38	70	470484	49.71	ng		98
20) 3+4-Methylphenols	6.42	107	601767	49.02	ng		94
22) Acetophenone	6.35	105	777618	46.11	ng		99
24) Nitrobenzene	6.60	77	644830	46.75	ng		93
25) Isophorone	6.97	82	1151547	47.88	ng		98
26) 2-Nitrophenol	7.07	139	241791	44.42	ng		96
27) 2,4-Dimethylphenol	7.21	122	467805	48.64	ng		100
28) bis(2-Chloroethoxy)methane	7.32	93	696558	51.97	ng		100
29) 2,4-Dichlorophenol	7.47	162	427318	49.21	ng		96
30) 1,2,4-Trichlorobenzene	7.56	180	438803	45.70	ng		96
31) Naphthalene	7.68	128	1443152	46.31	ng		99
32) Benzoic acid	7.41	122	8138m	4.13	ng		
33) 4-Chloroaniline	7.80	127	137978	11.32	ng		93
34) Hexachlorobutadiene	7.88	225	254720	44.90	ng		97
35) Caprolactam	8.41	113	128955m	46.69	ng		
36) 4-Chloro-3-methylphenol	8.65	107	462855	47.36	ng		100
37) 2-Methylnaphthalene	8.77	142	926413	48.08	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	411122	46.29	ng	#	100
40) Hexachlorocyclopentadiene	9.02	237	28018	17.37	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	276103	49.51	ng		97
43) 2,4,5-Trichlorophenol	9.34	196	282209	49.13	ng		96
45) 1,1'-Biphenyl	9.54	154	1078403	44.93	ng		99
46) 2-Chloronaphthalene	9.55	162	840450	46.47	ng		97
47) 2-Nitroaniline	9.76	65	330483	51.29	ng		97
48) Acenaphthylene	10.20	152	1316695	44.46	ng		100
49) Dimethylphthalate	10.09	163	1449645	68.19	ng		99
50) 2,6-Dinitrotoluene	10.17	165	207301	46.31	ng		96
51) Acenaphthene	10.49	154	782634	45.92	ng		98
52) 3-Nitroaniline	10.43	138	152850	31.67	ng		89
53) 2,4-Dinitrophenol	10.64	184	24208	17.09	ng		93
54) Dibenzofuran	10.77	168	1185142	50.19	ng		99
55) 4-Nitrophenol	10.82	139	231349	85.11	ng		93
56) 2,4-Dinitrotoluene	10.82	165	257263	44.00	ng		94
57) Fluorene	11.32	166	897780	43.71	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.00	232	207284	48.25	ng	#	100
59) Diethylphthalate	11.23	149	996566	48.71	ng		99
60) 4-Chlorophenyl-phenylether	11.36	204	443816	45.09	ng	#	89
61) 4-Nitroaniline	11.44	138	188087	43.02	ng		98
62) Azobenzene	11.61	77	1163381	53.30	ng		98
64) 4,6-Dinitro-2-methylphenol	11.49	198	40026	16.18	ng		78
65) n-Nitrosodiphenylamine	11.56	169	783934	54.66	ng		99
66) 4-Bromophenyl-phenylether	12.13	248	242226	51.17	ng		94
67) Hexachlorobenzene	12.21	284	251231	49.65	ng	#	89
68) Atrazine	12.48	200	224367	51.73	ng		98
69) Pentachlorophenol	12.57	266	202877	87.75	ng		98
70) Phenanthrene	12.87	178	1183059	46.92	ng		100
71) Anthracene	12.95	178	1198667	46.61	ng		100
72) Carbazole	13.24	167	1020177	46.20	ng		98
73) Di-n-butylphthalate	13.88	149	1451592	54.58	ng		99
74) Fluoranthene	14.79	202	1074827	43.01	ng		98
76) Benzidine	15.06	184	376958	31.03	ng		96
77) Pyrene	15.14	202	1092720	43.44	ng		99
79) Butylbenzylphthalate	16.28	149	516239	52.19	ng		87
80) Benzo(a)anthracene	17.01	228	955616	48.57	ng		99
81) 3,3'-Dichlorobenzidine	17.00	252	266628	42.37	ng		98
82) Chrysene	17.06	228	860929	43.93	ng		99
83) Bis(2-ethylhexyl)phthalate	17.14	149	727991	56.09	ng		99
84) Di-n-octyl phthalate	17.91	149	1149003	62.07	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.91	276	627380	37.34	ng	#	100
87) Benzo(b)fluoranthene	18.27	252	923853m	64.25	ng		
88) Benzo(k)fluoranthene	18.31	252	584453m	39.68	ng		
89) Benzo(a)pyrene	18.60	252	689758	49.32	ng	#	96
90) Dibenzo(a,h)anthracene	19.91	278	544975	40.50	ng		99
91) Benzo(g,h,i)perylene	20.26	276	438988	32.37	ng		95

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

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