Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079302.D
Acq On : 16 May 2015 9:09
Operator : TP/IZ
Sample : G2215-15MS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-36SMS

Manual Integrations APPROVED
apatel
5/18/2015 3:42:27 PM

Quant Time: May 18 12:34:57 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 18 00:56:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	67792	20.00	ng		0.00
21) Naphthalene-d8	8.75	136	269170	20.00	ng		0.00
38) Acenaphthene-d10	10.93	164	123110	20.00	ng		0.00
63) Phenanthrene-d10	12.77	188	226307	20.00	ng		0.00
75) Chrysene-d12	16.06	240	235160	20.00	ng		0.00
86) Perylene-d12	17.81	264	251837	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	428307m	108.75	ng		0.01
7) Phenol-d6	6.75	99	578633	111.15	ng		0.01
23) Nitrobenzene-d5	7.87	82	318514	68.01	ng		0.00
41) 2,4,6-Tribromophenol	11.91	330	151642	113.86	ng		0.00
44) 2-Fluorobiphenyl	10.10	172	615628	69.67	ng		0.00
78) Terphenyl-d14	14.77	244	665939	67.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	45089m	26.33	ng		
3) Pyridine	2.79	79	139045m	27.75	ng		
4) n-Nitrosodimethylamine	2.71	42	68259m	31.79	ng		
6) Aniline	6.76	93	137051	18.65	ng	#	1
8) 2-Chlorophenol	6.91	128	151715	33.97	ng		86
9) Benzaldehyde	6.63	77	43450	12.39	ng		99
10) Phenol	6.76	94	195076	32.30	ng	#	67
11) bis(2-Chloroethyl)ether	6.87	93	134775	30.44	ng		84
12) 1,3-Dichlorobenzene	7.11	146	155379	30.95	ng		98
13) 1,4-Dichlorobenzene	7.20	146	159978	30.96	ng		99
14) 1,2-Dichlorobenzene	7.38	146	151881	31.58	ng		99
15) Benzyl Alcohol	7.37	79	116698	30.20	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	7.54	45	207524	30.64	ng		98
17) 2-Methylphenol	7.52	107	119881	33.35	ng		99
18) Hexachloroethane	7.80	117	52065	29.26	ng	#	86
19) n-Nitroso-di-n-propylamine	7.70	70	110744	31.50	ng		95
20) 3+4-Methylphenols	7.70	107	159167	33.23	ng	#	51
22) Acetophenone	7.69	105	211331	34.75	ng	#	87
24) Nitrobenzene	7.90	77	156749	33.77	ng	#	88
25) Isophorone	8.19	82	277236	31.93	ng	#	92
26) 2-Nitrophenol	8.28	139	66471	34.59	ng	#	81
27) 2,4-Dimethylphenol	8.35	122	129856	33.77	ng		94
28) bis(2-Chloroethoxy)methane	8.48	93	183024	34.19	ng		100
29) 2,4-Dichlorophenol	8.59	162	119929	35.08	ng		88
30) 1,2,4-Trichlorobenzene	8.68	180	123543	32.89	ng		98
31) Naphthalene	8.79	128	416408	32.47	ng		99
32) Benzoic acid	8.44	122	14130	11.41	ng		93
33) 4-Chloroaniline	8.86	127	114348	21.07	ng		94
34) Hexachlorobutadiene	8.94	225	71294	32.96	ng		98
35) Caprolactam	9.28	113	35291	31.92	ng		98
36) 4-Chloro-3-methylphenol	9.47	107	125178	34.86	ng		99
37) 2-Methylnaphthalene	9.64	142	299857	33.74	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.85	216	119934	34.59	ng		98
40) Hexachlorocyclopentadiene	9.83	237	34215	19.62	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.00	196	82177	34.47	ng		99
43) 2,4,5-Trichlorophenol	10.04	196	84929	35.24	ng	#	95
45) 1,1'-Biphenyl	10.23	154	348496	35.61	ng		100
46) 2-Chloronaphthalene	10.24	162	257415	33.72	ng		100
47) 2-Nitroaniline	10.38	65	79620	36.00	ng	#	82
48) Acenaphthylene	10.75	152	421709	33.64	ng		99
49) Dimethylphthalate	10.62	163	359331	39.77	ng		98
50) 2,6-Dinitrotoluene	10.68	165	59910	33.60	ng	#	54
51) Acenaphthene	10.97	154	247743	33.14	ng		100
52) 3-Nitroaniline	10.89	138	66804	29.99	ng		82
53) 2,4-Dinitrophenol	11.03	184	5959	17.08	ng	#	69
54) Dibenzofuran	11.19	168	376950	34.91	ng		97
55) 4-Nitrophenol	11.11	139	101692	57.68	ng		92
56) 2,4-Dinitrotoluene	11.19	165	81188	34.44	ng	#	94
57) Fluorene	11.61	166	304027	34.31	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.34	232	65182	33.10	ng		97
59) Diethylphthalate	11.49	149	297725	33.26	ng		96
60) 4-Chlorophenyl-phenylether	11.62	204	134999	34.34	ng		92
61) 4-Nitroaniline	11.65	138	70479	31.63	ng		89
62) Azobenzene	11.82	77	303994	34.47	ng		94
64) 4,6-Dinitro-2-methylphenol	11.69	198	9583	14.51	ng		79
65) n-Nitrosodiphenylamine	11.77	169	258274	34.27	ng		99
66) 4-Bromophenyl-phenylether	12.23	248	80601	34.17	ng	#	83
67) Hexachlorobenzene	12.29	284	92056	34.14	ng	#	80
68) Atrazine	12.45	200	79882	36.45	ng		95
69) Pentachlorophenol	12.54	266	92739	60.61	ng		99
70) Phenanthrene	12.80	178	439142	34.69	ng		99
71) Anthracene	12.87	178	433610	34.91	ng		99
72) Carbazole	13.07	167	418371	35.34	ng		99
73) Di-n-butylphthalate	13.52	149	493307	34.75	ng	#	97
74) Fluoranthene	14.27	202	484242	36.71	ng		98
76) Benzidine	14.46	184	365114	57.61	ng		98
77) Pyrene	14.56	202	529867	39.10	ng		98
79) Butylbenzylphthalate	15.38	149	225833	38.12	ng		94
80) Benzo(a)anthracene	16.05	228	464616	36.08	ng		100
81) 3,3'-Dichlorobenzidine	16.02	252	165246	36.02	ng	#	97
82) Chrysene	16.09	228	423939	34.23	ng		99
83) Bis(2-ethylhexyl)phthalate	16.10	149	336481	37.50	ng	#	96
84) Di-n-octyl phthalate	16.90	149	571282	36.15	ng		97
85) Indeno(1,2,3-cd)pyrene	19.22	276	520519	32.98	ng		98
87) Benzo(b)fluoranthene	17.36	252	461252m	33.46	ng		
88) Benzo(k)fluoranthene	17.39	252	460733m	34.53	ng		
89) Benzo(a)pyrene	17.75	252	449813	35.44	ng		99
90) Dibenzo(a,h)anthracene	19.25	278	421768	31.27	ng		99
91) Benzo(g,h,i)perylene	19.63	276	422874	31.28	ng		98

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

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