Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
Data File : BF079648.D
Acq On : 31 May 2015 22:28
Operator : TP/IZ
Sample : G2426-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-1(5-15)MS

Manual Integrations APPROVED
apatel
6/1/2015 8:43:35 PM

Quant Time: Jun 01 05:32:15 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 04:06:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	60666	20.00	ng		0.00
21) Naphthalene-d8	8.49	136	251025	20.00	ng		0.01
38) Acenaphthene-d10	10.65	164	125610	20.00	ng		0.00
63) Phenanthrene-d10	12.48	188	232969	20.00	ng		0.00
75) Chrysene-d12	15.75	240	243404	20.00	ng		0.00
86) Perylene-d12	17.43	264	259641	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	332125	94.96	ng		0.01
7) Phenol-d6	6.50	99	438791	98.42	ng		0.00
23) Nitrobenzene-d5	7.61	82	225553	51.94	ng		0.00
41) 2,4,6-Tribromophenol	11.63	330	123849	89.77	ng		0.00
44) 2-Fluorobiphenyl	9.83	172	379533	43.11	ng		0.00
78) Terphenyl-d14	14.48	244	503940	48.59	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.71	88	47097	28.31	ng	#	100
3) Pyridine	2.34	79	98172	26.79	ng		99
4) n-Nitrosodimethylamine	2.27	42	47625	26.40	ng		93
6) Aniline	6.50	93	69281	10.95	ng	#	75
8) 2-Chlorophenol	6.64	128	124108	30.48	ng		94
9) Benzaldehyde	6.35	77	14954	3.96	ng	#	1
10) Phenol	6.52	94	156937	29.90	ng		98
11) bis(2-Chloroethyl)ether	6.60	93	119006	31.34	ng		91
12) 1,3-Dichlorobenzene	6.82	146	125430	27.81	ng		97
13) 1,4-Dichlorobenzene	6.92	146	126287	27.44	ng		96
14) 1,2-Dichlorobenzene	7.11	146	122392	28.64	ng		98
15) Benzyl Alcohol	7.11	79	100467	30.67	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.29	45	165761	29.83	ng		94
17) 2-Methylphenol	7.27	107	97796	30.57	ng		95
18) Hexachloroethane	7.52	117	39852	25.16	ng		89
19) n-Nitroso-di-n-propylamine	7.44	70	88584	28.24	ng		97
20) 3+4-Methylphenols	7.47	107	132418	30.12	ng		98
22) Acetophenone	7.43	105	188018	33.43	ng	#	95
24) Nitrobenzene	7.63	77	128724	30.08	ng	#	89
25) Isophorone	7.93	82	228953	28.92	ng	#	91
26) 2-Nitrophenol	8.03	139	52878	26.09	ng		95
27) 2,4-Dimethylphenol	8.11	122	114483	31.43	ng		98
28) bis(2-Chloroethoxy)methane	8.23	93	146194	29.80	ng		98
29) 2,4-Dichlorophenol	8.34	162	102980	30.86	ng		99
30) 1,2,4-Trichlorobenzene	8.42	180	98698	28.52	ng		95
31) Naphthalene	8.51	128	390384	32.41	ng		99
32) Benzoic acid	8.24	122	32496	14.38	ng		97
33) 4-Chloroaniline	8.60	127	65809	13.08	ng		95
34) Hexachlorobutadiene	8.67	225	53850	27.35	ng		96
35) Caprolactam	9.03	113	30699	29.18	ng		94
36) 4-Chloro-3-methylphenol	9.23	107	103982	30.05	ng	#	76
37) 2-Methylnaphthalene	9.37	142	252592	30.20	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.58	216	96352	27.42	ng	#	100
40) Hexachlorocyclopentadiene	9.56	237	6434	14.63	ng		89

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.74	196	69473	28.32	ng		97
43) 2,4,5-Trichlorophenol	9.78	196	71879	29.43	ng	#	82
45) 1,1'-Biphenyl	9.95	154	283008	28.85	ng		99
46) 2-Chloronaphthalene	9.96	162	214696	27.71	ng		98
47) 2-Nitroaniline	10.11	65	69355	30.10	ng	#	70
48) Acenaphthylene	10.48	152	346650	26.95	ng		99
49) Dimethylphthalate	10.35	163	381483	41.22	ng		99
50) 2,6-Dinitrotoluene	10.42	165	49292	26.66	ng	#	57
51) Acenaphthene	10.68	154	197834	26.90	ng		99
52) 3-Nitroaniline	10.63	138	57289	23.82	ng		80
53) 2,4-Dinitrophenol	10.79	184	2683	11.04	ng		93
54) Dibenzofuran	10.90	168	300458	27.70	ng		97
55) 4-Nitrophenol	10.88	139	70813m	53.09	ng		
56) 2,4-Dinitrotoluene	10.92	165	69107	27.87	ng		87
57) Fluorene	11.32	166	241235	26.98	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.07	232	56483	31.78	ng	#	100
59) Diethylphthalate	11.22	149	259740	28.67	ng		96
60) 4-Chlorophenyl-phenylether	11.35	204	110546	28.61	ng	#	82
61) 4-Nitroaniline	11.38	138	57696	25.75	ng		82
62) Azobenzene	11.53	77	261130	29.63	ng		95
64) 4,6-Dinitro-2-methylphenol	11.44	198	4984	10.61	ng		92
65) n-Nitrosodiphenylamine	11.50	169	222988	28.82	ng		99
66) 4-Bromophenyl-phenylether	11.94	248	68279	28.46	ng		93
67) Hexachlorobenzene	12.00	284	77216	28.23	ng		94
68) Atrazine	12.17	200	66959	32.03	ng		96
69) Pentachlorophenol	12.26	266	60668	57.90	ng		97
70) Phenanthrene	12.51	178	358091	28.02	ng		99
71) Anthracene	12.57	178	356966	27.51	ng		99
72) Carbazole	12.79	167	366322	29.32	ng		99
73) Di-n-butylphthalate	13.25	149	431263	30.22	ng		99
74) Fluoranthene	13.98	202	407691	29.75	ng		95
76) Benzidine	14.17	184	277147	53.16	ng		98
77) Pyrene	14.26	202	432520	28.68	ng		98
79) Butylbenzylphthalate	15.10	149	192505	28.39	ng		100
80) Benzo(a)anthracene	15.74	228	388317	27.73	ng		100
81) 3,3'-Dichlorobenzidine	15.73	252	142447	27.78	ng	#	96
82) Chrysene	15.78	228	367172	27.59	ng		100
83) Bis(2-ethylhexyl)phthalate	15.82	149	305402	31.43	ng		99
84) Di-n-octyl phthalate	16.59	149	538622	31.85	ng		99
85) Indeno(1,2,3-cd)pyrene	18.70	276	470154	27.46	ng		99
87) Benzo(b)fluoranthene	17.01	252	402709m	27.20	ng		
88) Benzo(k)fluoranthene	17.04	252	395847m	29.89	ng		
89) Benzo(a)pyrene	17.37	252	393389	29.64	ng		99
90) Dibenzo(a,h)anthracene	18.71	278	385894	27.82	ng		97
91) Benzo(g,h,i)perylene	19.06	276	374951	27.45	ng		95

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

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