Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079431.D
Acq On : 22 May 2015 14:11
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
5/27/2015 8:15:12 AM

Quant Time: May 22 22:53:34 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 22 22:50:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	55108	20.00	ng		-0.02
21) Naphthalene-d8	8.63	136	230365	20.00	ng		-0.02
38) Acenaphthene-d10	10.80	164	108962	20.00	ng		-0.02
63) Phenanthrene-d10	12.64	188	205961	20.00	ng		-0.01
75) Chrysene-d12	15.97	240	209966	20.00	ng		0.00
86) Perylene-d12	17.85	264	212516	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	282026m	88.09	ng		-0.02
7) Phenol-d6	6.63	99	359992	85.07	ng		-0.02
23) Nitrobenzene-d5	7.75	82	338693	84.50	ng		-0.02
41) 2,4,6-Tribromophenol	11.78	330	100771	85.49	ng		-0.02
44) 2-Fluorobiphenyl	9.98	172	658120	84.15	ng		-0.02
78) Terphenyl-d14	14.63	244	751732	85.72	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.90	88	72906m	52.38	ng		
3) Pyridine	2.57	79	157742m	38.72	ng		
4) n-Nitrosodimethylamine	2.49	42	71350m	40.88	ng		
6) Aniline	6.64	93	253432m	42.43	ng		
8) 2-Chlorophenol	6.79	128	160305m	44.15	ng		
9) Benzaldehyde	6.50	77	103956m	36.47	ng		
10) Phenol	6.65	94	206654m	42.10	ng		
11) bis(2-Chloroethyl)ether	6.75	93	147682	41.04	ng		98
12) 1,3-Dichlorobenzene	6.97	146	178818	43.81	ng	#	91
13) 1,4-Dichlorobenzene	7.07	146	182423	43.43	ng		100
14) 1,2-Dichlorobenzene	7.26	146	170622	43.64	ng		98
15) Benzyl Alcohol	7.24	79	133424m	42.47	ng		
16) 2,2'-oxybis(1-Chloropropan	7.43	45	208877	37.94	ng		92
17) 2-Methylphenol	7.39	107	122796	42.02	ng	#	94
18) Hexachloroethane	7.67	117	62231	43.02	ng	#	88
19) n-Nitroso-di-n-propylamine	7.58	70	117243	41.02	ng		98
20) 3+4-Methylphenols	7.60	107	168795	43.35	ng	#	43
22) Acetophenone	7.56	105	216789	41.65	ng	#	91
24) Nitrobenzene	7.77	77	171580	43.19	ng		94
25) Isophorone	8.08	82	312405	42.04	ng		99
26) 2-Nitrophenol	8.17	139	77272	46.99	ng		97
27) 2,4-Dimethylphenol	8.24	122	144840	44.02	ng		96
28) bis(2-Chloroethoxy)methane	8.36	93	187910	41.02	ng	#	98
29) 2,4-Dichlorophenol	8.47	162	130985	44.76	ng		95
30) 1,2,4-Trichlorobenzene	8.57	180	134451	41.83	ng		97
31) Naphthalene	8.65	128	463148	42.19	ng		100
32) Benzoic acid	8.38	122	93689m	45.79	ng		
33) 4-Chloroaniline	8.74	127	199476	42.95	ng	#	89
34) Hexachlorobutadiene	8.81	225	77612	41.93	ng		98
35) Caprolactam	9.18	113	39766	42.03	ng	#	87
36) 4-Chloro-3-methylphenol	9.36	107	134611	43.80	ng		99
37) 2-Methylnaphthalene	9.52	142	331165	43.54	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.72	216	133981	43.66	ng		98
40) Hexachlorocyclopentadiene	9.70	237	46220	29.95	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.87	196	92643	43.91	ng		97
43) 2,4,5-Trichlorophenol	9.92	196	94098	44.12	ng	#	86
45) 1,1'-Biphenyl	10.10	154	375107	43.30	ng		99
46) 2-Chloronaphthalene	10.11	162	287965	42.62	ng		98
47) 2-Nitroaniline	10.25	65	84916	43.37	ng		96
48) Acenaphthylene	10.63	152	482926	43.53	ng		98
49) Dimethylphthalate	10.49	163	338854	42.37	ng		99
50) 2,6-Dinitrotoluene	10.57	165	68794	43.59	ng		96
51) Acenaphthene	10.83	154	272140	41.14	ng		99
52) 3-Nitroaniline	10.76	138	88743	45.01	ng		96
53) 2,4-Dinitrophenol	10.91	184	19616	43.14	ng	#	62
54) Dibenzofuran	11.05	168	406778	42.57	ng		97
55) 4-Nitrophenol	11.00	139	47675	30.55	ng	#	71
56) 2,4-Dinitrotoluene	11.06	165	96656	46.33	ng		89
57) Fluorene	11.47	166	330379	42.12	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.21	232	68622	39.37	ng		99
59) Diethylphthalate	11.37	149	335781	42.38	ng		96
60) 4-Chlorophenyl-phenylether	11.48	204	141700	40.72	ng	#	87
61) 4-Nitroaniline	11.52	138	92602	46.95	ng		95
62) Azobenzene	11.68	77	316207	40.51	ng		96
64) 4,6-Dinitro-2-methylphenol	11.57	198	38084	45.36	ng	#	62
65) n-Nitrosodiphenylamine	11.65	169	294756	42.97	ng		100
66) 4-Bromophenyl-phenylether	12.09	248	89853	41.85	ng		97
67) Hexachlorobenzene	12.15	284	102723	41.86	ng		90
68) Atrazine	12.32	200	83745	41.99	ng		97
69) Pentachlorophenol	12.41	266	45373	35.74	ng		98
70) Phenanthrene	12.66	178	488958	42.44	ng		99
71) Anthracene	12.73	178	496258	43.90	ng		99
72) Carbazole	12.94	167	457998	42.51	ng		99
73) Di-n-butylphthalate	13.39	149	567992	43.96	ng		98
74) Fluoranthene	14.14	202	506370	42.18	ng		98
76) Benzidine	14.33	184	285184	50.40	ng		98
77) Pyrene	14.42	202	535791	44.28	ng		99
79) Butylbenzylphthalate	15.27	149	258442	48.87	ng		96
80) Benzo(a)anthracene	15.95	228	501315	43.60	ng		99
81) 3,3'-Dichlorobenzidine	15.93	252	191369	46.73	ng	#	97
82) Chrysene	16.00	228	477995	43.22	ng		99
83) Bis(2-ethylhexyl)phthalate	16.03	149	377815	47.16	ng		98
84) Di-n-octyl phthalate	16.89	149	665240	47.15	ng	#	97
85) Indeno(1,2,3-cd)pyrene	19.25	276	610328	43.32	ng		99
87) Benzo(b)fluoranthene	17.36	252	490843m	42.20	ng		
88) Benzo(k)fluoranthene	17.39	252	515719m	45.80	ng		
89) Benzo(a)pyrene	17.77	252	480926	44.90	ng	#	97
90) Dibenzo(a,h)anthracene	19.27	278	506908	44.53	ng		96
91) Benzo(g,h,i)perylene	19.65	276	499498	43.78	ng		97

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

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