Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095403.D
Acq On : 24 May 2017 22:43
Operator : SJ/MA
Sample : I3281-02MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-TP-1-SS-1MS

Quant Time: May 25 04:58:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	83169	20.00	ng		-0.02
21) Naphthalene-d8	9.77	136	316807	20.00	ng		-0.02
38) Acenaphthene-d10	12.60	164	124045	20.00	ng		-0.02
63) Phenanthrene-d10	15.01	188	209990	20.00	ng		-0.02
75) Chrysene-d12	18.68	240	175886	20.00	ng		-0.01
86) Perylene-d12	20.36	264	116921	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	617785	123.84	ng		-0.01
7) Phenol-d6	7.30	99	728187	121.66	ng		-0.01
23) Nitrobenzene-d5	8.65	82	422469	84.09	ng		-0.02
41) 2,4,6-Tribromophenol	13.91	330	113201	111.43	ng		-0.01
44) 2-Fluorobiphenyl	11.54	172	779696	90.47	ng		-0.02
78) Terphenyl-d14	17.32	244	609526	76.33	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	79287	32.41	ng		93
3) Pyridine	2.92	79	176783	31.18	ng		96
4) n-Nitrosodimethylamine	2.85	42	77827	32.93	ng	#	85
6) Aniline	7.26	93	210270	27.83	ng		96
8) 2-Chlorophenol	7.45	128	239866	42.25	ng		96
9) Benzaldehyde	7.08	77	73342	20.07	ng		97
10) Phenol	7.32	94	303657	48.14	ng		91
11) bis(2-Chloroethyl)ether	7.38	93	220240	42.30	ng		96
12) 1,3-Dichlorobenzene	7.65	146	258185	40.09	ng		98
13) 1,4-Dichlorobenzene	7.78	146	267709	40.99	ng		97
14) 1,2-Dichlorobenzene	8.01	146	248795	40.81	ng		96
15) Benzyl Alcohol	8.04	79	183571	47.68	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.24	45	295276	40.07	ng		96
17) 2-Methylphenol	8.26	107	195299	42.03	ng		96
18) Hexachloroethane	8.52	117	59423	26.86	ng	#	84
19) n-Nitroso-di-n-propylamine	8.46	70	164441	40.62	ng		93
20) 3+4-Methylphenols	8.54	107	243167	38.51	ng	#	63
22) Acetophenone	8.42	105	323965	42.62	ng	#	82
24) Nitrobenzene	8.68	77	216906	41.19	ng		92
25) Isophorone	9.08	82	406151	45.27	ng		96
26) 2-Nitrophenol	9.20	139	59607	20.98	ng		94
27) 2,4-Dimethylphenol	9.33	122	197589	43.01	ng		96
28) bis(2-Chloroethoxy)methane	9.45	93	267653	43.13	ng		98
29) 2,4-Dichlorophenol	9.64	162	174122	40.14	ng		98
30) 1,2,4-Trichlorobenzene	9.70	180	192278	41.37	ng		99
31) Naphthalene	9.80	128	707269	44.42	ng		99
33) 4-Chloroaniline	9.96	127	104778	17.66	ng	#	92
34) Hexachlorobutadiene	10.01	225	97155	39.62	ng		98
35) Caprolactam	10.57	113	54929	42.17	ng	#	84
36) 4-Chloro-3-methylphenol	10.84	107	180072	38.83	ng		89
37) 2-Methylnaphthalene	10.92	142	482274	46.15	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	166105	43.54	ng		98
42) 2,4,6-Trichlorophenol	11.45	196	104513	41.03	ng		99
43) 2,4,5-Trichlorophenol	11.55	196	104554	38.19	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	11.69	154	471099	45.11	ng		99
46) 2-Chloronaphthalene	11.71	162	360955	42.80	ng		96
47) 2-Nitroaniline	11.94	65	104512	45.28	ng	#	75
48) Acenaphthylene	12.37	152	572927	43.38	ng		98
49) Dimethylphthalate	12.24	163	542715	53.29	ng		98
50) 2,6-Dinitrotoluene	12.34	165	68209	32.83	ng	#	93
51) Acenaphthene	12.65	154	342955	43.47	ng		98
52) 3-Nitroaniline	12.62	138	94814	42.52	ng		92
54) Dibenzofuran	12.94	168	509328	46.65	ng		97
55) 4-Nitrophenol	13.08	139	64822	48.40	ng	#	76
56) 2,4-Dinitrotoluene	13.02	165	79996	29.97	ng		92
57) Fluorene	13.50	166	405140	42.68	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.21	232	67448	39.15	ng		91
59) Diethylphthalate	13.41	149	303870	31.13	ng		99
60) 4-Chlorophenyl-phenylether	13.52	204	167886	40.24	ng		89
61) 4-Nitroaniline	13.62	138	83918	40.99	ng		96
62) Azobenzene	13.78	77	331346	42.25	ng		92
65) n-Nitrosodiphenylamine	13.73	169	321514	42.19	ng		100
66) 4-Bromophenyl-phenylether	14.31	248	92058	41.50	ng		97
67) Hexachlorobenzene	14.39	284	89874	39.53	ng	#	85
68) Atrazine	14.64	200	78906	36.67	ng		97
69) Pentachlorophenol	14.77	266	39410	41.39	ng		98
70) Phenanthrene	15.05	178	960173	79.58	ng		99
71) Anthracene	15.12	178	621749	50.45	ng		98
72) Carbazole	15.41	167	558621	49.82	ng		97
73) Di-n-butylphthalate	15.97	149	617721	44.17	ng		99
74) Fluoranthene	16.79	202	1213360	98.04	ng		99
76) Benzidine	17.02	184	77270	20.60	ng	#	93
77) Pyrene	17.09	202	1122568	85.34	ng		99
79) Butylbenzylphthalate	17.98	149	275494	45.03	ng	#	86
80) Benzo(a)anthracene	18.67	228	669409	65.39	ng		99
81) 3,3'-Dichlorobenzidine	18.65	252	106869	30.23	ng	#	97
82) Chrysene	18.72	228	598430	60.46	ng		99
83) Bis(2-ethylhexyl)phthalate	18.73	149	393234	45.11	ng		98
84) Di-n-octyl phthalate	19.50	149	610893	42.74	ng		98
85) Indeno(1,2,3-cd)pyrene	21.69	276	335753	41.77	ng		99
87) Benzo(b)fluoranthene	19.95	252	490175	67.85	ng		97
88) Benzo(k)fluoranthene	19.98	252	384801	55.22	ng		98
89) Benzo(a)pyrene	20.31	252	399007	59.85	ng		99
90) Dibenzo(a,h)anthracene	21.69	278	221672	40.26	ng		97
91) Benzo(g,h,i)perylene	22.08	276	298229	55.20	ng		97

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

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