Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
Data File : BF095119.D
Acq On : 12 May 2017 19:02
Operator : SJ/MA
Sample : PB98933BS
Misc : Waste Dilution
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB98933BS

Quant Time: May 15 11:29:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	81894	20.00	ng		-0.03
21) Naphthalene-d8	9.72	136	344274	20.00	ng		-0.04
38) Acenaphthene-d10	12.55	164	177469	20.00	ng		-0.04
63) Phenanthrene-d10	14.95	188	322966	20.00	ng		-0.04
75) Chrysene-d12	18.62	240	284316	20.00	ng		-0.03
86) Perylene-d12	20.29	264	214259	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	66534	13.55	ng		0.04
7) Phenol-d6	7.28	99	98316	16.68	ng		0.00
23) Nitrobenzene-d5	8.61	82	52389	9.60	ng		-0.02
41) 2,4,6-Tribromophenol	13.86	330	23629	16.26	ng		-0.02
44) 2-Fluorobiphenyl	11.50	172	146064	11.85	ng		-0.04
78) Terphenyl-d14	17.28	244	139342	10.79	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	14785	6.14	ng		97
3) Pyridine	2.84	79	26455m	4.74	ng		
4) n-Nitrosodimethylamine	2.75	42	8109m	3.48	ng		
6) Aniline	7.23	93	37247	5.01	ng		97
8) 2-Chlorophenol	7.42	128	30610	5.47	ng		93
9) Benzaldehyde	7.07	77	16252	4.52	ng		91
10) Phenol	7.31	94	21575m	3.47	ng		
11) bis(2-Chloroethyl)ether	7.34	93	24190	4.72	ng		98
12) 1,3-Dichlorobenzene	7.61	146	33257	5.24	ng		99
13) 1,4-Dichlorobenzene	7.73	146	35659	5.54	ng		98
14) 1,2-Dichlorobenzene	7.97	146	33172	5.53	ng		93
15) Benzyl Alcohol	8.04	79	21135	5.58	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.20	45	35695	4.92	ng		92
17) 2-Methylphenol	8.26	107	24877	5.44	ng		93
18) Hexachloroethane	8.47	117	12126	5.57	ng	#	79
19) n-Nitroso-di-n-propylamine	8.41	70	19360	4.86	ng		99
20) 3+4-Methylphenols	8.55	107	29569	4.76	ng	#	65
22) Acetophenone	8.40	105	41187	4.99	ng	#	85
24) Nitrobenzene	8.65	77	32451	5.67	ng		90
25) Isophorone	9.04	82	50495	5.18	ng	#	96
26) 2-Nitrophenol	9.17	139	15908	5.15	ng		98
27) 2,4-Dimethylphenol	9.33	122	25527	5.11	ng		92
28) bis(2-Chloroethoxy)methane	9.42	93	34879	5.17	ng		97
29) 2,4-Dichlorophenol	9.68	162	23730	5.03	ng		91
30) 1,2,4-Trichlorobenzene	9.66	180	27288	5.40	ng		99
31) Naphthalene	9.75	128	92610	5.35	ng		99
32) Benzoic acid	9.61	122	9743m	7.74	ng		
33) 4-Chloroaniline	9.96	127	21085	3.27	ng	#	92
34) Hexachlorobutadiene	9.97	225	14516	5.45	ng		93
35) Caprolactam	10.52	113	5731	4.05	ng	#	86
36) 4-Chloro-3-methylphenol	10.81	107	26612	5.28	ng	#	85
37) 2-Methylnaphthalene	10.89	142	65247	5.75	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	26094	4.78	ng		98
40) Hexachlorocyclopentadiene	11.13	237	8302	9.40	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.42	196	17959	4.93	ng		95
43) 2,4,5-Trichlorophenol	11.54	196	18481m	4.72	ng		
45) 1,1'-Biphenyl	11.65	154	82004	5.49	ng		98
46) 2-Chloronaphthalene	11.67	162	64303	5.33	ng		95
47) 2-Nitroaniline	11.91	65	13765	4.17	ng		90
48) Acenaphthylene	12.32	152	102826	5.44	ng		96
49) Dimethylphthalate	12.19	163	74534	5.12	ng		100
50) 2,6-Dinitrotoluene	12.29	165	15338	5.16	ng		90
51) Acenaphthene	12.60	154	61559	5.45	ng		99
52) 3-Nitroaniline	12.62	138	12179	3.82	ng	#	79
53) 2,4-Dinitrophenol	12.88	184	1138	6.89	ng	#	22
54) Dibenzofuran	12.90	168	94927	6.08	ng		99
55) 4-Nitrophenol	13.11	139	15041m	7.85	ng		
56) 2,4-Dinitrotoluene	12.98	165	19712	5.16	ng	#	87
57) Fluorene	13.45	166	75311	5.55	ng		98
58) 2,3,4,6-Tetrachlorophenol	13.15	232	12041	4.89	ng	#	98
59) Diethylphthalate	13.34	149	74582	5.34	ng		99
60) 4-Chlorophenyl-phenylether	13.47	204	32015	5.36	ng		92
61) 4-Nitroaniline	13.60	138	13353m	4.56	ng		
62) Azobenzene	13.73	77	69407	6.19	ng		92
64) 4,6-Dinitro-2-methylphenol	13.67	198	4999	2.31	ng	#	1
65) n-Nitrosodiphenylamine	13.68	169	64862	5.53	ng		99
66) 4-Bromophenyl-phenylether	14.25	248	17816	5.22	ng		97
67) Hexachlorobenzene	14.34	284	17982	5.14	ng	#	91
68) Atrazine	14.59	200	18660	5.64	ng		99
69) Pentachlorophenol	14.73	266	6361	9.59	ng		93
70) Phenanthrene	14.99	178	105766	5.70	ng		97
71) Anthracene	15.08	178	109915	5.80	ng		97
72) Carbazole	15.38	167	95874	5.56	ng		94
73) Di-n-butylphthalate	15.92	149	117839	5.48	ng		98
74) Fluoranthene	16.75	202	109534	5.75	ng		98
76) Benzidine	17.00	184	29817	9.93	ng	#	91
77) Pyrene	17.05	202	114865	5.40	ng		97
79) Butylbenzylphthalate	17.94	149	43134	4.36	ng		93
80) Benzo(a)anthracene	18.61	228	83252	5.03	ng		96
81) 3,3'-Dichlorobenzidine	18.61	252	22284	3.90	ng		99
82) Chrysene	18.66	228	89675	5.60	ng		96
83) Bis(2-ethylhexyl)phthalate	18.68	149	68147	4.84	ng	#	98
84) Di-n-octyl phthalate	19.44	149	108964	4.72	ng	#	95
85) Indeno(1,2,3-cd)pyrene	21.61	276	61127	4.70	ng		97
87) Benzo(b)fluoranthene	19.89	252	64299	4.86	ng		99
88) Benzo(k)fluoranthene	19.92	252	78172	6.12	ng		95
89) Benzo(a)pyrene	20.24	252	69637	5.70	ng		98
90) Dibenzo(a,h)anthracene	21.61	278	51338	5.09	ng		97
91) Benzo(g,h,i)perylene	22.00	276	51340	5.19	ng		94

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

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