Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
Data File : BF095230.D
Acq On : 18 May 2017 19:22
Operator : SJ/MA
Sample : I3140-18MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-25-6MSD

Quant Time: May 19 02:26:18 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	7.78	152	93695	20.00	ng		0.01
21) Naphthalene-d8	9.79	136	386041	20.00	ng		0.00
38) Acenaphthene-d10	12.62	164	182066	20.00	ng		0.00
63) Phenanthrene-d10	15.02	188	315190	20.00	ng		0.00
75) Chrysene-d12	18.69	240	242631	20.00	ng		0.00
86) Perylene-d12	20.37	264	161125	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.82	112	313400	55.77	ng		0.09
7) Phenol-d6	7.33	99	461459	68.44	ng		0.02
23) Nitrobenzene-d5	8.68	82	517517	84.53	ng		0.01
41) 2,4,6-Tribromophenol	13.92	330	94742	63.54	ng		0.00
44) 2-Fluorobiphenyl	11.56	172	1032892	81.66	ng		0.00
78) Terphenyl-d14	17.34	244	875800	79.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	77661	28.18	ng		93
3) Pyridine	2.98	79	175765	27.52	ng		99
4) n-Nitrosodimethylamine	2.92	42	74587	28.01	ng		84
6) Aniline	7.30	93	338415	39.75	ng		95
8) 2-Chlorophenol	7.49	128	146020	22.83	ng		93
9) Benzaldehyde	7.12	77	82327	19.99	ng		97
10) Phenol	7.35	94	128037	18.02	ng		95
11) bis(2-Chloroethyl)ether	7.42	93	225569	38.45	ng		96
12) 1,3-Dichlorobenzene	7.68	146	256514	35.35	ng		97
13) 1,4-Dichlorobenzene	7.80	146	267561	36.36	ng		97
14) 1,2-Dichlorobenzene	8.04	146	253517	36.91	ng		96
15) Benzyl Alcohol	8.07	79	202116	46.60	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.27	45	310990	37.46	ng		94
17) 2-Methylphenol	8.28	107	134107	25.62	ng		94
18) Hexachloroethane	8.55	117	89239	35.80	ng	#	86
19) n-Nitroso-di-n-propylamine	8.48	70	187205	41.05	ng	#	92
20) 3+4-Methylphenols	8.54	107	169594	23.84	ng	#	56
22) Acetophenone	8.45	105	369740	39.92	ng	#	84
24) Nitrobenzene	8.71	77	258327	40.26	ng		94
25) Isophorone	9.11	82	481779	44.07	ng		94
26) 2-Nitrophenol	9.22	139	72097	20.82	ng		97
27) 2,4-Dimethylphenol	9.35	122	163943	29.29	ng		99
28) bis(2-Chloroethoxy)methane	9.47	93	272499	36.03	ng		99
29) 2,4-Dichlorophenol	9.65	162	115811	21.91	ng		98
30) 1,2,4-Trichlorobenzene	9.71	180	215442	38.04	ng		99
31) Naphthalene	9.82	128	746008	38.45	ng		98
33) 4-Chloroaniline	9.96	127	290543	40.18	ng	#	93
34) Hexachlorobutadiene	10.04	225	104946	35.12	ng		97
35) Caprolactam	10.57	113	57393	36.16	ng		89
36) 4-Chloro-3-methylphenol	10.83	107	144489	25.57	ng		87
37) 2-Methylnaphthalene	10.95	142	540918	42.48	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	212225	37.90	ng		98
40) Hexachlorocyclopentadiene	11.20	237	64648	31.44	ng		99
42) 2,4,6-Trichlorophenol	11.45	196	84935	22.72	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	11.56	196	65587	16.32	ng	#	93
45) 1,1'-Biphenyl	11.71	154	620834	40.50	ng		98
46) 2-Chloronaphthalene	11.73	162	480467	38.82	ng		96
47) 2-Nitroaniline	11.95	65	116849	34.49	ng	#	82
48) Acenaphthylene	12.39	152	775782	40.02	ng		99
49) Dimethylphthalate	12.26	163	556307	37.22	ng		99
50) 2,6-Dinitrotoluene	12.35	165	125875	41.28	ng		93
51) Acenaphthene	12.67	154	450422	38.90	ng		99
52) 3-Nitroaniline	12.63	138	124079	37.91	ng		86
54) Dibenzofuran	12.96	168	697551	43.53	ng		97
55) 4-Nitrophenol	13.09	139	8677	4.41	ng	#	75
56) 2,4-Dinitrotoluene	13.02	165	136322	34.79	ng	#	94
57) Fluorene	13.51	166	549134	39.41	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.21	232	39603	15.66	ng	#	94
59) Diethylphthalate	13.41	149	550548	38.43	ng		99
60) 4-Chlorophenyl-phenylether	13.54	204	249421	40.73	ng		90
61) 4-Nitroaniline	13.63	138	105291	35.04	ng		94
62) Azobenzene	13.79	77	512697	44.54	ng		93
65) n-Nitrosodiphenylamine	13.74	169	469957	41.08	ng		99
66) 4-Bromophenyl-phenylether	14.32	248	136274	40.92	ng		97
67) Hexachlorobenzene	14.41	284	139008	40.73	ng	#	88
68) Atrazine	14.67	200	145779	45.13	ng		97
69) Pentachlorophenol	14.79	266	11883	13.00	ng		90
70) Phenanthrene	15.06	178	751858	41.52	ng		98
71) Anthracene	15.14	178	782392	42.29	ng		98
72) Carbazole	15.42	167	720199	42.79	ng		97
73) Di-n-butylphthalate	15.98	149	896685	42.72	ng		99
74) Fluoranthene	16.80	202	780604	42.02	ng		99
76) Benzidine	17.03	184	1227413	167.96	ng	#	93
77) Pyrene	17.11	202	769027	42.38	ng		99
79) Butylbenzylphthalate	18.00	149	350588	41.54	ng		88
80) Benzo(a)anthracene	18.68	228	559859	39.65	ng		98
81) 3,3'-Dichlorobenzidine	18.66	252	148943	30.54	ng	#	96
82) Chrysene	18.72	228	541504	39.66	ng		99
83) Bis(2-ethylhexyl)phthalate	18.74	149	502622	41.80	ng		100
84) Di-n-octyl phthalate	19.51	149	700000	35.50	ng	#	95
85) Indeno(1,2,3-cd)pyrene	21.70	276	395901	35.70	ng		99
87) Benzo(b)fluoranthene	19.96	252	403930	40.57	ng		98
88) Benzo(k)fluoranthene	19.98	252	437196	45.52	ng		96
89) Benzo(a)pyrene	20.31	252	378940	41.25	ng		100
90) Dibenzo(a,h)anthracene	21.70	278	333144	43.91	ng		96
91) Benzo(g,h,i)perylene	22.08	276	316200	42.47	ng		98

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

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