Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107141.D
Acq On : 5 Jul 2018 21:47
Operator : JU/SJ
Sample : J3840-17MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-DMSD

Quant Time: Jul 06 04:13:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	53227	20.00	ng		-0.01
21) Naphthalene-d8	8.23	136	194165	20.00	ng		-0.02
38) Acenaphthene-d10	9.99	164	85279	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	146213	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	154069	20.00	ng		-0.02
86) Perylene-d12	15.67	264	116924	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	269591	85.77	ng		0.00
7) Phenol-d6	6.60	99	329847	84.03	ng		-0.02
23) Nitrobenzene-d5	7.51	82	204445	58.52	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	81984	82.95	ng		-0.01
44) 2-Fluorobiphenyl	9.30	172	361233	68.90	ng		-0.02
78) Terphenyl-d14	13.07	244	379434	59.66	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	35440	21.930	ng		97
3) Pyridine	3.61	79	96850	22.098	ng		97
4) n-Nitrosodimethylamine	3.56	42	42700	22.939	ng		84
6) Aniline	6.61	93	121765	22.868	ng	#	54
8) 2-Chlorophenol	6.74	128	98831	28.666	ng		97
9) Benzaldehyde	6.51	77	48216	15.292	ng		94
10) Phenol	6.61	94	128123	28.600	ng		75
11) bis(2-Chloroethyl)ether	6.68	93	99124	26.802	ng		98
12) 1,3-Dichlorobenzene	6.89	146	113432	28.091	ng		98
13) 1,4-Dichlorobenzene	6.97	146	115571	28.309	ng		98
14) 1,2-Dichlorobenzene	7.12	146	107935	28.849	ng		97
15) Benzyl Alcohol	7.09	79	83644	26.537	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.22	45	138211	28.483	ng		67
17) 2-Methylphenol	7.21	107	81593	27.655	ng	#	90
18) Hexachloroethane	7.45	117	30182	21.024	ng	#	88
19) n-Nitroso-di-n-propylamine	7.35	70	68476	26.464	ng		94
20) 3+4-Methylphenols	7.37	107	106795	30.692	ng		95
22) Acetophenone	7.35	105	138885	31.972	ng	#	99
24) Nitrobenzene	7.53	77	102351	28.693	ng		98
25) Isophorone	7.77	82	182321	29.614	ng		98
26) 2-Nitrophenol	7.85	139	44619	26.497	ng		99
27) 2,4-Dimethylphenol	7.88	122	85604	32.890	ng		99
28) bis(2-Chloroethoxy)methane	7.97	93	119118	28.816	ng		99
29) 2,4-Dichlorophenol	8.10	162	84038	30.841	ng		92
30) 1,2,4-Trichlorobenzene	8.17	180	94548	31.497	ng		98
31) Naphthalene	8.25	128	272471	30.015	ng		99
32) Benzoic acid	7.98	122	10627	10.674	ng		90
33) 4-Chloroaniline	8.31	127	94668	24.854	ng		98
34) Hexachlorobutadiene	8.36	225	60737	31.052	ng		99
35) Caprolactam	8.66	113	21835	24.583	ng		97
36) 4-Chloro-3-methylphenol	8.80	107	80182	27.956	ng		95
37) 2-Methylnaphthalene	8.94	142	192041	31.916	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	98267	34.216	ng	#	95
42) 2,4,6-Trichlorophenol	9.23	196	54842	28.728	ng		90

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.28	196	54601	27.410 ng	#	88
45) 1,1'-Biphenyl	9.41	154	225509	33.181 ng		97
46) 2-Chloronaphthalene	9.44	162	160215	29.949 ng		96
47) 2-Nitroaniline	9.54	65	49270	27.388 ng		92
48) Acenaphthylene	9.85	152	242740	28.740 ng		99
49) Dimethylphthalate	9.70	163	250830	39.217 ng		99
50) 2,6-Dinitrotoluene	9.78	165	38295	28.275 ng	#	83
51) Acenaphthene	10.02	154	143232	26.930 ng		97
52) 3-Nitroaniline	9.95	138	41473	26.610 ng		97
53) 2,4-Dinitrophenol	10.08	184	1081	6.785 ng	#	31
54) Dibenzofuran	10.20	168	219675	30.164 ng		96
55) 4-Nitrophenol	10.13	139	35061	32.229 ng		96
56) 2,4-Dinitrotoluene	10.18	165	45597	25.792 ng		91
57) Fluorene	10.54	166	167715	29.021 ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	40905	25.832 ng	#	80
59) Diethylphthalate	10.40	149	171366	27.759 ng		96
60) 4-Chlorophenyl-phenylether	10.52	204	88629	29.311 ng	#	87
61) 4-Nitroaniline	10.57	138	39100	25.279 ng		94
62) Azobenzene	10.69	77	150591	24.772 ng		91
64) 4,6-Dinitro-2-methylphenol	10.60	198	3149	3.484 ng	#	74
65) n-Nitrosodiphenylamine	10.65	169	143193	29.117 ng		100
66) 4-Bromophenyl-phenylether	11.02	248	54877	31.449 ng	#	77
67) Hexachlorobenzene	11.09	284	55428	30.349 ng	#	87
68) Atrazine	11.17	200	47199	30.190 ng		94
69) Pentachlorophenol	11.30	266	23876	26.200 ng		97
70) Phenanthrene	11.51	178	223556	31.700 ng		99
71) Anthracene	11.56	178	229300	31.855 ng		99
72) Carbazole	11.72	167	208909	30.999 ng		98
73) Di-n-butylphthalate	12.02	149	232716	29.311 ng		98
74) Fluoranthene	12.71	202	259241	33.352 ng		95
76) Benzidine	12.82	184	194854	44.408 ng		97
77) Pyrene	12.94	202	266386	26.220 ng		98
79) Butylbenzylphthalate	13.53	149	101106	24.204 ng		97
80) Benzo(a)anthracene	14.13	228	277579	29.561 ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	102514	31.063 ng	#	95
82) Chrysene	14.17	228	256780	29.724 ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	135983	25.463 ng		96
84) Di-n-octyl phthalate	14.71	149	256396	29.454 ng		96
85) Indeno(1,2,3-cd)pyrene	17.25	276	171661	23.415 ng	#	90
87) Benzo(b)fluoranthene	15.21	252	229158	31.550 ng	#	97
88) Benzo(k)fluoranthene	15.24	252	210209	30.391 ng	#	96
89) Benzo(a)pyrene	15.61	252	192359	29.791 ng	#	97
90) Dibenzo(a,h)anthracene	17.26	278	146618	26.794 ng	#	93
91) Benzo(g,h,i)perylene	17.74	276	140447	26.259 ng	#	89

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

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