Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099434.D
Acq On : 13 Oct 2017 11:06
Operator : SJ/JU
Sample : I5775-03MS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-101017MS

Quant Time: Oct 13 13:20:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	122102	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	479684	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	186230	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	273847	20.00	ng		0.00
75) Chrysene-d12	14.02	240	204054	20.00	ng		0.00
86) Perylene-d12	15.49	264	162526	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	845654	110.25	ng		0.03
7) Phenol-d6	6.50	99	939313	99.27	ng		0.01
23) Nitrobenzene-d5	7.42	82	656106	87.72	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	172200	113.00	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1143935	102.55	ng		0.00
78) Terphenyl-d14	12.96	244	763917	85.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	120798	32.969	ng	#	81
3) Pyridine	3.55	79	214465	21.638	ng		94
4) n-Nitrosodimethylamine	3.49	42	140887	33.520	ng		83
6) Aniline	6.52	93	192730	15.092	ng		96
8) 2-Chlorophenol	6.65	128	336097	38.693	ng		96
9) Benzaldehyde	6.41	77	78751	14.348	ng		95
10) Phenol	6.51	94	353538	33.409	ng		97
11) bis(2-Chloroethyl)ether	6.60	93	329872	40.098	ng		95
12) 1,3-Dichlorobenzene	6.80	146	362070	39.802	ng		97
13) 1,4-Dichlorobenzene	6.87	146	363695	39.295	ng		97
14) 1,2-Dichlorobenzene	7.03	146	338292	39.557	ng		97
15) Benzyl Alcohol	7.00	79	257170	37.049	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	461348	35.994	ng		91
17) 2-Methylphenol	7.11	107	273914	38.540	ng		97
18) Hexachloroethane	7.36	117	111176	33.418	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	216255	35.797	ng		95
20) 3+4-Methylphenols	7.26	107	316988	35.255	ng	#	70
22) Acetophenone	7.27	105	442616	38.085	ng	#	97
24) Nitrobenzene	7.44	77	341048	40.195	ng		98
25) Isophorone	7.67	82	629131	40.682	ng		100
26) 2-Nitrophenol	7.76	139	163990	40.192	ng	#	87
27) 2,4-Dimethylphenol	7.79	122	294659	38.240	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	411829	42.733	ng		99
29) 2,4-Dichlorophenol	8.00	162	271685	41.066	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	281344	42.519	ng		98
31) Naphthalene	8.16	128	940065	41.727	ng		99
32) Benzoic acid	7.93	122	156236	24.684	ng		94
33) 4-Chloroaniline	8.21	127	93392	9.927	ng		96
34) Hexachlorobutadiene	8.27	225	141368	41.480	ng		99
35) Caprolactam	8.59	113	65587	30.906	ng		88
36) 4-Chloro-3-methylphenol	8.70	107	268829	36.152	ng		93
37) 2-Methylnaphthalene	8.85	142	628318	42.901	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	248052	44.663	ng		99
40) Hexachlorocyclopentadiene	9.00	237	34257	13.497	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	163688	41.603 ng		98
43) 2,4,5-Trichlorophenol	9.18	196	170805	43.487 ng	#	93
45) 1,1'-Biphenyl	9.31	154	711903	44.479 ng		100
46) 2-Chloronaphthalene	9.34	162	544422	45.304 ng		97
47) 2-Nitroaniline	9.44	65	158073	42.959 ng		95
48) Acenaphthylene	9.76	152	786477	42.752 ng		100
49) Dimethylphthalate	9.61	163	663588	47.212 ng		100
50) 2,6-Dinitrotoluene	9.68	165	130216	42.554 ng		88
51) Acenaphthene	9.93	154	458483	39.344 ng		99
52) 3-Nitroaniline	9.85	138	125142	35.074 ng		92
53) 2,4-Dinitrophenol	9.96	184	18978	16.872 ng		91
54) Dibenzofuran	10.10	168	680574	43.864 ng		99
55) 4-Nitrophenol	10.02	139	146557	48.578 ng		91
56) 2,4-Dinitrotoluene	10.09	165	147323	37.097 ng	#	94
57) Fluorene	10.44	166	513119	41.145 ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	113238	41.736 ng		97
59) Diethylphthalate	10.31	149	608225	44.285 ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	243842	43.528 ng		97
61) 4-Nitroaniline	10.47	138	136547	39.668 ng		87
62) Azobenzene	10.59	77	506926	40.142 ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	16850	10.113 ng		86
65) n-Nitrosodiphenylamine	10.55	169	456391	48.107 ng		99
66) 4-Bromophenyl-phenylether	10.92	248	131722	49.141 ng	#	86
67) Hexachlorobenzene	10.99	284	126268	44.105 ng		99
68) Atrazine	11.07	200	103761	36.352 ng		99
69) Pentachlorophenol	11.19	266	114077	64.025 ng		98
70) Phenanthrene	11.40	178	645063	44.007 ng		99
71) Anthracene	11.46	178	668730	44.587 ng		99
72) Carbazole	11.61	167	602780	41.041 ng		99
73) Di-n-butylphthalate	11.93	149	819357	46.347 ng		99
74) Fluoranthene	12.59	202	635963	42.846 ng		99
76) Benzidine	12.71	184	46747	6.194 ng		99
77) Pyrene	12.82	202	654168	42.042 ng		99
79) Butylbenzylphthalate	13.43	149	320904	43.883 ng		95
80) Benzo(a)anthracene	14.01	228	544702	44.084 ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	169408	37.401 ng		98
82) Chrysene	14.04	228	521649	44.345 ng		98
83) Bis(2-ethylhexyl)phthalate	13.98	149	441988	43.895 ng	#	100
84) Di-n-octyl phthalate	14.59	149	781712	48.213 ng		97
85) Indeno(1,2,3-cd)pyrene	16.98	276	381667	40.559 ng		96
87) Benzo(b)fluoranthene	15.06	252	457475	45.781 ng		99
88) Benzo(k)fluoranthene	15.09	252	446189	45.207 ng		98
89) Benzo(a)pyrene	15.43	252	412833	45.007 ng		99
90) Dibenzo(a,h)anthracene	16.99	278	327083	44.557 ng		96
91) Benzo(g,h,i)perylene	17.43	276	317240	43.720 ng		98

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

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