Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102529.D
Acq On : 27 Jan 2018 23:51
Operator : SJ/JU
Sample : J1290-01MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-51-10.5-11.0MS

Quant Time: Jan 28 01:05:59 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	166198	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	667539	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	272271	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	382412	20.00	ng		0.00
75) Chrysene-d12	13.89	240	270054	20.00	ng		0.00
86) Perylene-d12	15.31	264	212716	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1334072	121.71	ng		0.02
7) Phenol-d6	6.37	99	1571052	118.89	ng		0.01
23) Nitrobenzene-d5	7.29	82	1005395	86.55	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	254078	94.18	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1550090	83.71	ng		0.00
78) Terphenyl-d14	12.83	244	1016633	84.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	170313	32.703	ng		96
3) Pyridine	3.14	79	472395	34.710	ng		98
4) n-Nitrosodimethylamine	3.10	42	237060	44.430	ng		99
6) Aniline	6.39	93	469132	26.840	ng	#	1
8) 2-Chlorophenol	6.51	128	459796	40.017	ng		97
9) Benzaldehyde	6.27	77	219701	26.942	ng		90
10) Phenol	6.39	94	591525	41.002	ng	#	71
11) bis(2-Chloroethyl)ether	6.46	93	458783	41.812	ng		99
12) 1,3-Dichlorobenzene	6.66	146	494429	36.182	ng		98
13) 1,4-Dichlorobenzene	6.73	146	504221	36.835	ng		100
14) 1,2-Dichlorobenzene	6.89	146	454266	36.281	ng		99
15) Benzyl Alcohol	6.87	79	335717	36.007	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	675556	36.709	ng		75
17) 2-Methylphenol	6.99	107	368047	36.882	ng	#	91
18) Hexachloroethane	7.22	117	134038	28.100	ng		95
19) n-Nitroso-di-n-propylamine	7.14	70	300873	37.205	ng		97
20) 3+4-Methylphenols	7.15	107	465245	39.641	ng		97
22) Acetophenone	7.13	105	626778	39.388	ng		97
24) Nitrobenzene	7.31	77	459785	38.678	ng		97
25) Isophorone	7.55	82	854417	41.259	ng		99
26) 2-Nitrophenol	7.62	139	225109	35.980	ng		93
27) 2,4-Dimethylphenol	7.67	122	408515	44.967	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	551864	43.140	ng		99
29) 2,4-Dichlorophenol	7.87	162	384705	41.572	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	359626	36.253	ng		99
31) Naphthalene	8.02	128	1257043	37.716	ng		99
32) Benzoic acid	7.77	122	46193	6.069	ng		98
33) 4-Chloroaniline	8.08	127	358144	25.554	ng		99
34) Hexachlorobutadiene	8.13	225	186483	35.198	ng		100
35) Caprolactam	8.46	113	121669	39.810	ng		96
36) 4-Chloro-3-methylphenol	8.57	107	393924	40.384	ng		98
37) 2-Methylnaphthalene	8.72	142	822959	37.076	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	323059	39.438	ng		99
40) Hexachlorocyclopentadiene	8.86	237	11358	3.098	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	226710	41.343	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	231671	37.522	ng		98
45) 1,1'-Biphenyl	9.18	154	933268	38.334	ng		98
46) 2-Chloronaphthalene	9.20	162	714789	37.773	ng		100
47) 2-Nitroaniline	9.31	65	248692	42.154	ng		99
48) Acenaphthylene	9.62	152	1042787	35.371	ng		99
49) Dimethylphthalate	9.48	163	1070092	47.549	ng		100
50) 2,6-Dinitrotoluene	9.55	165	175599	36.190	ng		98
51) Acenaphthene	9.79	154	613767	35.647	ng		100
52) 3-Nitroaniline	9.72	138	179758	31.317	ng		91
53) 2,4-Dinitrophenol	9.84	184	9269	7.757	ng	#	26
54) Dibenzofuran	9.96	168	874350	37.522	ng		98
55) 4-Nitrophenol	9.90	139	254784	67.244	ng		93
56) 2,4-Dinitrotoluene	9.96	165	195727	32.803	ng	#	86
57) Fluorene	10.30	166	685846	37.143	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	162960	36.966	ng		98
59) Diethylphthalate	10.18	149	802639	36.702	ng		98
60) 4-Chlorophenyl-phenylether	10.29	204	310798	38.823	ng		98
61) 4-Nitroaniline	10.34	138	202078	35.281	ng		86
62) Azobenzene	10.46	77	710776	35.499	ng		96
64) 4,6-Dinitro-2-methylphenol	10.37	198	10852	4.254	ng		96
65) n-Nitrosodiphenylamine	10.42	169	628327	44.765	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	179096	43.505	ng	#	88
67) Hexachlorobenzene	10.85	284	167933	36.476	ng		98
68) Atrazine	10.94	200	163929	39.544	ng		98
69) Pentachlorophenol	11.05	266	140512	58.097	ng		99
70) Phenanthrene	11.27	178	901851	40.471	ng		99
71) Anthracene	11.32	178	875749	38.503	ng		100
72) Carbazole	11.48	167	820378	36.971	ng		99
73) Di-n-butylphthalate	11.80	149	1119443	40.360	ng		99
74) Fluoranthene	12.46	202	862742	37.966	ng		98
76) Benzidine	12.58	184	535075	58.980	ng		97
77) Pyrene	12.69	202	841229	40.289	ng		99
79) Butylbenzylphthalate	13.30	149	397863	38.290	ng		94
80) Benzo(a)anthracene	13.87	228	717574	43.159	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	247113	40.516	ng		98
82) Chrysene	13.91	228	668574	39.598	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	560458	40.136	ng	#	98
84) Di-n-octyl phthalate	14.46	149	921911	40.596	ng		100
85) Indeno(1,2,3-cd)pyrene	16.72	276	433509	31.090	ng		97
87) Benzo(b)fluoranthene	14.90	252	587658	42.624	ng		98
88) Benzo(k)fluoranthene	14.93	252	536505	41.188	ng		98
89) Benzo(a)pyrene	15.25	252	512066	41.181	ng		97
90) Dibenzo(a,h)anthracene	16.73	278	355168	35.261	ng		98
91) Benzo(g,h,i)perylene	17.14	276	356519	35.847	ng		97

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