Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099631.D
Acq On : 18 Oct 2017 21:42
Operator : SJ/JU
Sample : I5930-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-012-BMS

Quant Time: Oct 18 22:16:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 18 15:18:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	104975	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	404306	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	157466	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	222714	20.00	ng		0.00
75) Chrysene-d12	14.00	240	184359	20.00	ng		0.00
86) Perylene-d12	15.46	264	177449	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	610492	92.58	ng		0.01
7) Phenol-d6	6.47	99	727024	89.37	ng		0.00
23) Nitrobenzene-d5	7.40	82	425611	67.51	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	112858	87.59	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	753605	79.90	ng		0.00
78) Terphenyl-d14	12.93	244	472050	58.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	68784	21.836	ng	#	92
3) Pyridine	3.40	79	178736	20.975	ng		90
4) n-Nitrosodimethylamine	3.33	42	76920	21.287	ng	#	77
6) Aniline	6.50	93	215596	19.637	ng		93
8) 2-Chlorophenol	6.62	128	212254	28.423	ng		91
9) Benzaldehyde	6.39	77	56484	11.970	ng		89
10) Phenol	6.49	94	287876	31.642	ng		95
11) bis(2-Chloroethyl)ether	6.57	93	201295	28.461	ng		94
12) 1,3-Dichlorobenzene	6.77	146	225358	28.815	ng		97
13) 1,4-Dichlorobenzene	6.85	146	226728	28.493	ng		98
14) 1,2-Dichlorobenzene	7.00	146	212667	28.925	ng		97
15) Benzyl Alcohol	6.97	79	154988	25.971	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	260608	23.650	ng		81
17) 2-Methylphenol	7.09	107	173359	28.371	ng		94
18) Hexachloroethane	7.33	117	74437	26.026	ng		97
19) n-Nitroso-di-n-propylamine	7.24	70	132880	25.585	ng		91
20) 3+4-Methylphenols	7.25	107	216601	28.021	ng	#	79
22) Acetophenone	7.24	105	280583	28.644	ng	#	97
24) Nitrobenzene	7.42	77	204918	28.653	ng		93
25) Isophorone	7.65	82	373458	28.651	ng		97
26) 2-Nitrophenol	7.73	139	111352	32.379	ng		91
27) 2,4-Dimethylphenol	7.77	122	182895	28.161	ng		97
28) bis(2-Chloroethoxy)methane	7.86	93	247473	30.466	ng		99
29) 2,4-Dichlorophenol	7.97	162	171647	30.782	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	175478	31.464	ng		98
31) Naphthalene	8.13	128	583615	30.735	ng		100
32) Benzoic acid	7.86	122	12846	2.408	ng		82
33) 4-Chloroaniline	8.19	127	142147	17.926	ng		95
34) Hexachlorobutadiene	8.24	225	86337	30.056	ng		98
35) Caprolactam	8.55	113	51525	28.806	ng	#	83
36) 4-Chloro-3-methylphenol	8.67	107	165441	26.396	ng		92
37) 2-Methylnaphthalene	8.82	142	392063	31.761	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	155488	33.110	ng		98
40) Hexachlorocyclopentadiene	8.97	237	21019	9.794	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	102428	30.788	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	104803	31.557	ng		95
45) 1,1'-Biphenyl	9.29	154	444495	32.845	ng		97
46) 2-Chloronaphthalene	9.31	162	337535	33.218	ng		97
47) 2-Nitroaniline	9.42	65	90390	29.052	ng		84
48) Acenaphthylene	9.73	152	487431	31.336	ng		100
49) Dimethylphthalate	9.58	163	428715	36.073	ng		100
50) 2,6-Dinitrotoluene	9.65	165	84354	32.602	ng		91
51) Acenaphthene	9.90	154	284407	28.864	ng		98
52) 3-Nitroaniline	9.83	138	73075	24.222	ng		90
53) 2,4-Dinitrophenol	9.95	184	11417	13.686	ng		93
54) Dibenzofuran	10.07	168	417874	31.852	ng		99
55) 4-Nitrophenol	10.00	139	92470	36.249	ng		87
56) 2,4-Dinitrotoluene	10.06	165	96518	28.743	ng	#	92
57) Fluorene	10.41	166	317976	30.155	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	67446	29.399	ng		96
59) Diethylphthalate	10.28	149	361910	31.164	ng		97
60) 4-Chlorophenyl-phenylether	10.40	204	150489	31.771	ng		97
61) 4-Nitroaniline	10.44	138	67827	23.304	ng		88
62) Azobenzene	10.56	77	299562	28.054	ng		90
64) 4,6-Dinitro-2-methylphenol	10.47	198	15648	11.548	ng		88
65) n-Nitrosodiphenylamine	10.52	169	281511	36.486	ng		98
66) 4-Bromophenyl-phenylether	10.89	248	78076	35.815	ng	#	87
67) Hexachlorobenzene	10.96	284	75130	32.268	ng	#	88
68) Atrazine	11.05	200	80145	34.525	ng		99
69) Pentachlorophenol	11.16	266	56248	38.817	ng		99
70) Phenanthrene	11.37	178	394668	33.106	ng		99
71) Anthracene	11.43	178	399249	32.731	ng		99
72) Carbazole	11.59	167	358512	30.014	ng		99
73) Di-n-butylphthalate	11.90	149	459625	31.968	ng		97
74) Fluoranthene	12.56	202	391282	32.413	ng		99
76) Benzidine	12.69	184	212899	31.222	ng		97
77) Pyrene	12.79	202	405417	28.839	ng		99
79) Butylbenzylphthalate	13.40	149	182173	27.573	ng		95
80) Benzo(a)anthracene	13.99	228	363627	32.573	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	121874	29.781	ng		97
82) Chrysene	14.02	228	338785	31.876	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	255835	28.122	ng	#	99
84) Di-n-octyl phthalate	14.57	149	471310	32.174	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.94	276	285871	33.625	ng		96
87) Benzo(b)fluoranthene	15.03	252	344415	31.568	ng	#	96
88) Benzo(k)fluoranthene	15.06	252	342979	31.828	ng		99
89) Benzo(a)pyrene	15.40	252	326939	32.645	ng	#	97
90) Dibenzo(a,h)anthracene	16.94	278	249875	31.177	ng		97
91) Benzo(g,h,i)perylene	17.39	276	233810	29.512	ng		97

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

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