Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
Data File : BF104851.D
Acq On : 26 Apr 2018 21:34
Operator : JU/SJ
Sample : J2585-01MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01.022MS

Quant Time: Apr 27 07:39:42 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	106997	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	398452	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	150884	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	248296	20.00	ng		0.00
75) Chrysene-d12	13.99	240	213554	20.00	ng		0.00
86) Perylene-d12	15.45	264	160277	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	840260	120.08	ng		0.01
7) Phenol-d6	6.45	99	981603	114.17	ng		0.00
23) Nitrobenzene-d5	7.37	82	599146	98.19	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	178118	113.80	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	836624	87.59	ng		0.00
78) Terphenyl-d14	12.92	244	756646	80.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	111646	34.241	ng	#	87
3) Pyridine	3.30	79	292934	31.954	ng	#	87
4) n-Nitrosodimethylamine	3.26	42	129412	40.384	ng	#	79
6) Aniline	6.47	93	299923	25.108	ng	#	24
8) 2-Chlorophenol	6.59	128	314220	42.544	ng		96
9) Benzaldehyde	6.35	77	128610	26.393	ng		97
10) Phenol	6.47	94	381011	41.766	ng		77
11) bis(2-Chloroethyl)ether	6.54	93	309212	42.475	ng		95
12) 1,3-Dichlorobenzene	6.74	146	321675	38.445	ng		98
13) 1,4-Dichlorobenzene	6.82	146	328612	39.399	ng		98
14) 1,2-Dichlorobenzene	6.97	146	303518	39.269	ng		98
15) Benzyl Alcohol	6.95	79	245106	37.534	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	331800	33.939	ng		68
17) 2-Methylphenol	7.07	107	248064	38.639	ng	#	90
18) Hexachloroethane	7.31	117	86811	29.192	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	198710	35.368	ng		89
20) 3+4-Methylphenols	7.22	107	304220	38.207	ng	#	85
22) Acetophenone	7.22	105	410562	41.853	ng	#	99
24) Nitrobenzene	7.39	77	309715	45.972	ng		97
25) Isophorone	7.63	82	535751	41.519	ng		99
26) 2-Nitrophenol	7.70	139	155075	56.541	ng		95
27) 2,4-Dimethylphenol	7.75	122	256902	45.112	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	352326	44.658	ng		99
29) 2,4-Dichlorophenol	7.95	162	238429	43.880	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	239485	40.160	ng		99
31) Naphthalene	8.11	128	795478	40.093	ng		99
32) Benzoic acid	7.87	122	111190	24.471	ng		97
33) 4-Chloroaniline	8.16	127	214738	25.263	ng		98
34) Hexachlorobutadiene	8.22	225	129595	39.676	ng		99
35) Caprolactam	8.53	113	67076	35.386	ng	#	73
36) 4-Chloro-3-methylphenol	8.65	107	231369	39.711	ng		99
37) 2-Methylnaphthalene	8.80	142	488124	38.034	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	204120	47.259	ng		98
40) Hexachlorocyclopentadiene	8.95	237	15021	6.212	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	140362	46.814	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	146903	43.784	ng		93
45) 1,1'-Biphenyl	9.26	154	551873	43.539	ng		99
46) 2-Chloronaphthalene	9.29	162	422339	42.184	ng		99
47) 2-Nitroaniline	9.39	65	130691	52.784	ng		95
48) Acenaphthylene	9.70	152	612378	38.984	ng		99
49) Dimethylphthalate	9.56	163	620694	52.166	ng		100
50) 2,6-Dinitrotoluene	9.63	165	108935	49.479	ng		92
51) Acenaphthene	9.87	154	347719	36.280	ng		99
52) 3-Nitroaniline	9.80	138	105804	41.049	ng		99
53) 2,4-Dinitrophenol	9.92	184	17240	29.170	ng	#	21
54) Dibenzofuran	10.05	168	515916	38.626	ng		99
55) 4-Nitrophenol	9.98	139	148553	73.370	ng		93
56) 2,4-Dinitrotoluene	10.04	165	126016	43.635	ng		97
57) Fluorene	10.39	166	396557	40.790	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	103755	41.450	ng		94
59) Diethylphthalate	10.26	149	463699	39.131	ng		97
60) 4-Chlorophenyl-phenylether	10.38	204	186366	43.044	ng		98
61) 4-Nitroaniline	10.42	138	108414	43.018	ng		94
62) Azobenzene	10.55	77	387050	34.188	ng		92
64) 4,6-Dinitro-2-methylphenol	10.45	198	15096	17.920	ng		81
65) n-Nitrosodiphenylamine	10.50	169	360161	41.835	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	108766	41.183	ng	#	89
67) Hexachlorobenzene	10.95	284	120874	40.674	ng	#	84
68) Atrazine	11.03	200	111176	42.783	ng		98
69) Pentachlorophenol	11.15	266	112195	61.026	ng		97
70) Phenanthrene	11.36	178	549413	39.734	ng		99
71) Anthracene	11.41	178	568973	40.480	ng		99
72) Carbazole	11.57	167	550872	40.107	ng		99
73) Di-n-butylphthalate	11.89	149	641059	38.208	ng		99
74) Fluoranthene	12.55	202	602182	41.682	ng		98
76) Benzidine	12.67	184	216400	26.990	ng		98
77) Pyrene	12.78	202	606752	38.331	ng		99
79) Butylbenzylphthalate	13.39	149	297688	39.918	ng		98
80) Benzo(a)anthracene	13.97	228	539727	42.305	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	189907	39.923	ng		99
82) Chrysene	14.01	228	504251	38.480	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	423361	44.136	ng		100
84) Di-n-octyl phthalate	14.57	149	719571	44.896	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.92	276	366129	32.890	ng		97
87) Benzo(b)fluoranthene	15.03	252	424555	41.940	ng		100
88) Benzo(k)fluoranthene	15.06	252	387600	40.557	ng		97
89) Benzo(a)pyrene	15.39	252	363676	40.152	ng		100
90) Dibenzo(a,h)anthracene	16.93	278	309294	41.578	ng		98
91) Benzo(g,h,i)perylene	17.36	276	299343	41.535	ng		96

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

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