Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
Data File : BF104680.D
Acq On : 20 Apr 2018 17:54
Operator : JU/SJ
Sample : J2461-02MS 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N-P001-S002-0001-01MS

Quant Time: Apr 21 04:35:38 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 20 14:49:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	112946	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	414331	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	168264	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	280397	20.00	ng		0.00
75) Chrysene-d12	13.98	240	219041	20.00	ng		0.00
86) Perylene-d12	15.44	264	154873	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	55857	7.56	ng		0.00
7) Phenol-d6	6.43	99	67831	7.47	ng		-0.01
23) Nitrobenzene-d5	7.36	82	36770	5.79	ng		-0.01
41) 2,4,6-Tribromophenol	10.63	330	12078	6.92	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	74153	6.96	ng		0.00
78) Terphenyl-d14	12.92	244	67667	7.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	8018	2.330	ng	#	85
4) n-Nitrosodimethylamine	3.19	42	7744	2.289	ng	#	73
8) 2-Chlorophenol	6.59	128	20871	2.677	ng		96
10) Phenol	6.45	94	26204	2.721	ng		98
11) bis(2-Chloroethyl)ether	6.53	93	19350	2.518	ng		95
12) 1,3-Dichlorobenzene	6.74	146	22063	2.498	ng		97
13) 1,4-Dichlorobenzene	6.82	146	22931	2.604	ng		97
14) 1,2-Dichlorobenzene	6.97	146	21382	2.621	ng		96
15) Benzyl Alcohol	6.95	79	15153	2.198	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	24559	2.380	ng		84
17) 2-Methylphenol	7.06	107	15730	2.321	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	12472	2.103	ng		98
20) 3+4-Methylphenols	7.22	107	20141	2.396	ng		92
22) Acetophenone	7.21	105	28653	2.809	ng		97
24) Nitrobenzene	7.39	77	19484	2.781	ng		94
25) Isophorone	7.62	82	34368	2.561	ng		97
27) 2,4-Dimethylphenol	7.75	122	16108	2.720	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	23006	2.804	ng		97
29) 2,4-Dichlorophenol	7.96	162	13470	2.384	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	16405	2.646	ng		98
31) Naphthalene	8.11	128	57607	2.792	ng		98
34) Hexachlorobutadiene	8.22	225	9307	2.740	ng		95
36) 4-Chloro-3-methylphenol	8.65	107	14616	2.412	ng		96
37) 2-Methylnaphthalene	8.80	142	35201	2.638	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	14190	2.946	ng		98
42) 2,4,6-Trichlorophenol	9.08	196	8305	2.484	ng		96
43) 2,4,5-Trichlorophenol	9.13	196	9046	2.418	ng		94
45) 1,1'-Biphenyl	9.26	154	41082	2.906	ng		98
46) 2-Chloronaphthalene	9.29	162	31013	2.778	ng		92
47) 2-Nitroaniline	9.39	65	8596	3.113	ng		95
48) Acenaphthylene	9.70	152	44028	2.513	ng		98
49) Dimethylphthalate	9.56	163	40662	3.064	ng	#	98
51) Acenaphthene	9.87	154	25725	2.407	ng		99
52) 3-Nitroaniline	9.80	138	6381	2.220	ng	#	89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) Dibenzofuran	10.05	168	40868	2.744	ng		98
55) 4-Nitrophenol	9.99	139	6015	2.664	ng		92
57) Fluorene	10.39	166	30775	2.839	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.17	232	6128	2.195	ng	#	91
59) Diethylphthalate	10.26	149	33636	2.545	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	14502	3.004	ng	#	88
61) 4-Nitroaniline	10.41	138	7735	2.752	ng		95
62) Azobenzene	10.55	77	27152	2.151	ng		90
65) n-Nitrosodiphenylamine	10.50	169	26959	2.773	ng		95
66) 4-Bromophenyl-phenylether	10.87	248	7872	2.639	ng		93
67) Hexachlorobenzene	10.94	284	8982	2.676	ng		93
68) Atrazine	11.03	200	7728	2.633	ng		99
70) Phenanthrene	11.36	178	42842	2.744	ng		99
71) Anthracene	11.41	178	43942	2.768	ng		99
72) Carbazole	11.57	167	40512	2.612	ng		99
73) Di-n-butylphthalate	11.89	149	50391	2.660	ng		98
74) Fluoranthene	12.54	202	46689	2.862	ng		97
77) Pyrene	12.77	202	47506	2.926	ng		100
79) Butylbenzylphthalate	13.39	149	26960	3.525	ng		93
80) Benzo(a)anthracene	13.97	228	36236	2.769	ng		97
82) Chrysene	14.00	228	37008	2.753	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	43814	4.453	ng		99
84) Di-n-octyl phthalate	14.57	149	48075	2.924	ng		98
85) Indeno(1,2,3-cd)pyrene	16.90	276	28174	2.468	ng		92
87) Benzo(b)fluoranthene	15.02	252	29355	3.001	ng	#	93
88) Benzo(k)fluoranthene	15.04	252	26643	2.885	ng	#	94
89) Benzo(a)pyrene	15.38	252	24640	2.815	ng	#	91
90) Dibenzo(a,h)anthracene	16.91	278	23636	3.288	ng	#	92
91) Benzo(g,h,i)perylene	17.34	276	24190	3.474	ng	#	91

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

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