Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102125.D
Acq On : 16 Jan 2018 22:23
Operator : SJ/JU
Sample : J1014-01MS 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-011518MS

Quant Time: Jan 17 03:30:21 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	144837	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	576728	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	252505	20.00	ng		-0.01
63) Phenanthrene-d10	11.23	188	375342	20.00	ng		-0.01
75) Chrysene-d12	13.87	240	258862	20.00	ng		-0.01
86) Perylene-d12	15.28	264	268723	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	66115	6.45	ng		-0.01
7) Phenol-d6	6.35	99	77194	6.31	ng		-0.02
23) Nitrobenzene-d5	7.27	82	47438	4.83	ng		-0.02
41) 2,4,6-Tribromophenol	10.54	330	15955	7.24	ng		-0.01
44) 2-Fluorobiphenyl	9.07	172	92742	5.74	ng		-0.02
78) Terphenyl-d14	12.82	244	61399	4.92	ng		-0.01
Target Compounds							Qvalue
8) 2-Chlorophenol	6.50	128	23162	2.252	ng		96
10) Phenol	6.36	94	31702	2.292	ng		98
11) bis(2-Chloroethyl)ether	6.45	93	21932	2.084	ng		95
12) 1,3-Dichlorobenzene	6.66	146	25521	2.152	ng		95
13) 1,4-Dichlorobenzene	6.73	146	25657	2.168	ng		99
14) 1,2-Dichlorobenzene	6.89	146	24490	2.236	ng		96
15) Benzyl Alcohol	6.86	79	21044	2.351	ng		95
17) 2-Methylphenol	6.97	107	18953	2.042	ng	#	88
18) Hexachloroethane	7.23	117	9043	2.170	ng		90
19) n-Nitroso-di-n-propylamine	7.12	70	18932	2.361	ng	#	86
20) 3+4-Methylphenols	7.13	107	24844	2.230	ng	#	56
22) Acetophenone	7.12	105	58757	4.228	ng	#	90
24) Nitrobenzene	7.30	77	25139	2.384	ng		97
25) Isophorone	7.53	82	49783	2.567	ng	#	89
26) 2-Nitrophenol	7.62	139	11467	2.598	ng	#	86
27) 2,4-Dimethylphenol	7.66	122	20197	2.450	ng		96
28) bis(2-Chloroethoxy)methane	7.75	93	30738	2.625	ng		95
29) 2,4-Dichlorophenol	7.86	162	17020	2.174	ng		88
30) 1,2,4-Trichlorobenzene	7.94	180	19308	2.358	ng		99
31) Naphthalene	8.02	128	77197	2.679	ng		99
34) Hexachlorobutadiene	8.14	225	9721	2.243	ng		91
36) 4-Chloro-3-methylphenol	8.55	107	21774	2.541	ng		99
37) 2-Methylnaphthalene	8.72	142	62614	3.300	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	17871	2.502	ng	#	97
42) 2,4,6-Trichlorophenol	8.99	196	11572	2.351	ng		96
43) 2,4,5-Trichlorophenol	9.03	196	12314	2.213	ng	#	82
45) 1,1'-Biphenyl	9.17	154	59316	2.658	ng		98
46) 2-Chloronaphthalene	9.20	162	40573	2.344	ng		95
47) 2-Nitroaniline	9.30	65	12925	2.493	ng		100
48) Acenaphthylene	9.62	152	68890	2.508	ng		99
49) Dimethylphthalate	9.47	163	65508	3.234	ng		98
50) 2,6-Dinitrotoluene	9.53	165	8612	2.128	ng	#	72
51) Acenaphthene	9.79	154	38537	2.312	ng		95
54) Dibenzofuran	9.96	168	56572	2.473	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) 4-Nitrophenol	9.86	139	13303	3.496	ng		87
56) 2,4-Dinitrotoluene	9.94	165	10785	2.127	ng	#	95
57) Fluorene	10.30	166	51444	3.253	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	9458	2.388	ng	#	65
59) Diethylphthalate	10.17	149	46838	2.325	ng		97
60) 4-Chlorophenyl-phenylether	10.29	204	18963	2.816	ng		94
62) Azobenzene	10.45	77	45421	2.266	ng		94
64) 4,6-Dinitro-2-methylphenol	10.35	198	119	5.714	ng	#	1
65) n-Nitrosodiphenylamine	10.41	169	40492	2.881	ng		95
66) 4-Bromophenyl-phenylether	10.78	248	10366	2.615	ng		99
67) Hexachlorobenzene	10.84	284	10818	2.500	ng		92
68) Atrazine	10.93	200	12479	3.072	ng		93
69) Pentachlorophenol	11.04	266	7698	2.917	ng		93
70) Phenanthrene	11.26	178	100258	4.573	ng		98
71) Anthracene	11.31	178	66124	2.974	ng		98
72) Carbazole	11.46	167	48102	2.201	ng		98
73) Di-n-butylphthalate	11.80	149	66250	2.471	ng		98
74) Fluoranthene	12.44	202	111877	5.186	ng		96
77) Pyrene	12.67	202	112858	4.932	ng		99
79) Butylbenzylphthalate	13.30	149	21537	2.051	ng	#	97
80) Benzo(a)anthracene	13.86	228	70977	4.297	ng		94
82) Chrysene	13.89	228	65826	3.822	ng		100
83) Bis(2-ethylhexyl)phthalate	13.85	149	28315	2.351	ng		98
84) Di-n-octyl phthalate	14.46	149	49012	2.452	ng	#	96
85) Indeno(1,2,3-cd)pyrene	16.64	276	48454	3.866	ng		95
87) Benzo(b)fluoranthene	14.87	252	74681	4.262	ng		98
88) Benzo(k)fluoranthene	14.90	252	56832	3.362	ng		99
89) Benzo(a)pyrene	15.22	252	65377	4.146	ng	#	93
90) Dibenzo(a,h)anthracene	16.66	278	30752	2.444	ng		96
91) Benzo(g,h,i)perylene	17.06	276	41470	3.272	ng	#	91

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

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