Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102434.D
Acq On : 25 Jan 2018 20:11
Operator : SJ/JU
Sample : J1251-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MS

Manual Integrations APPROVED
Sohil
1/26/2018 11:24:30 AM

Quant Time: Jan 26 00:41:34 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 25 13:44:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137732	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	578025	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	257534	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	422683	20.00	ng		0.00
75) Chrysene-d12	13.88	240	264801	20.00	ng		0.00
86) Perylene-d12	15.30	264	265495	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	997562	109.82	ng		0.01
7) Phenol-d6	6.37	99	1206359	110.16	ng		0.00
23) Nitrobenzene-d5	7.29	82	763390	75.90	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	227537	89.17	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1262086	72.06	ng		0.00
78) Terphenyl-d14	12.82	244	980217	83.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	135853	31.477	ng		98
3) Pyridine	3.13	79	193481	17.154	ng		98
4) n-Nitrosodimethylamine	3.08	42	194530	43.994	ng		98
6) Aniline	6.39	93	249666	17.236	ng	#	66
8) 2-Chlorophenol	6.50	128	386371	40.576	ng		100
9) Benzaldehyde	6.27	77	212848	33.042	ng		92
10) Phenol	6.38	94	491509	41.111	ng		87
11) bis(2-Chloroethyl)ether	6.46	93	368578	40.534	ng		96
12) 1,3-Dichlorobenzene	6.66	146	396963	35.053	ng		99
13) 1,4-Dichlorobenzene	6.73	146	407381	35.911	ng		99
14) 1,2-Dichlorobenzene	6.89	146	380804	36.699	ng		99
15) Benzyl Alcohol	6.87	79	306356	39.649	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	578686	37.945	ng		80
17) 2-Methylphenol	6.98	107	318935	38.566	ng		96
18) Hexachloroethane	7.22	117	143258	36.240	ng		95
19) n-Nitroso-di-n-propylamine	7.14	70	255801	38.169	ng		99
20) 3+4-Methylphenols	7.14	107	386173	39.705	ng	#	87
22) Acetophenone	7.13	105	531096	38.543	ng		94
24) Nitrobenzene	7.30	77	391750	38.058	ng		98
25) Isophorone	7.55	82	725235	40.444	ng		98
26) 2-Nitrophenol	7.62	139	219210	40.463	ng		91
27) 2,4-Dimethylphenol	7.66	122	348756	44.334	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	460776	41.598	ng		99
29) 2,4-Dichlorophenol	7.86	162	328897	41.045	ng		99
30) 1,2,4-Trichlorobenzene	7.94	180	311177	36.227	ng		99
31) Naphthalene	8.02	128	1085981	37.629	ng		100
32) Benzoic acid	7.77	122	68981	10.466	ng		97
33) 4-Chloroaniline	8.07	127	169743	13.987	ng		99
34) Hexachlorobutadiene	8.13	225	162027	35.318	ng		98
35) Caprolactam	8.46	113	108711m	41.078	ng		
36) 4-Chloro-3-methylphenol	8.57	107	350683	41.518	ng		99
37) 2-Methylnaphthalene	8.71	142	737538	38.374	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	286812	37.017	ng		99
40) Hexachlorocyclopentadiene	8.86	237	176927	51.024	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	204129	39.355	ng		98
43) 2,4,5-Trichlorophenol	9.04	196	217144	37.182	ng		97
45) 1,1'-Biphenyl	9.18	154	849492	36.890	ng		98
46) 2-Chloronaphthalene	9.20	162	657867	36.754	ng		97
47) 2-Nitroaniline	9.30	65	222042	39.790	ng		96
48) Acenaphthylene	9.62	152	985610	35.345	ng		100
49) Dimethylphthalate	9.49	163	1130339	53.100	ng		99
50) 2,6-Dinitrotoluene	9.55	165	176362	38.428	ng		95
51) Acenaphthene	9.79	154	583604	35.835	ng		99
52) 3-Nitroaniline	9.72	138	127933	23.564	ng		98
53) 2,4-Dinitrophenol	9.83	184	131710	64.703	ng	#	20
54) Dibenzofuran	9.96	168	854234	38.756	ng		98
55) 4-Nitrophenol	9.90	139	257749	71.920	ng		96
56) 2,4-Dinitrotoluene	9.96	165	220451	39.061	ng	#	92
57) Fluorene	10.30	166	672834	38.524	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	171247	41.069	ng		96
59) Diethylphthalate	10.18	149	762714	36.872	ng		98
60) 4-Chlorophenyl-phenylether	10.29	204	290558	38.371	ng		96
61) 4-Nitroaniline	10.33	138	187846	34.673	ng		93
62) Azobenzene	10.46	77	707247	37.344	ng		96
64) 4,6-Dinitro-2-methylphenol	10.36	198	102676	36.410	ng		94
65) n-Nitrosodiphenylamine	10.42	169	614514	39.610	ng		100
66) 4-Bromophenyl-phenylether	10.79	248	183158	40.253	ng		91
67) Hexachlorobenzene	10.85	284	181636	35.693	ng	#	92
68) Atrazine	10.95	200	189671	41.395	ng		98
69) Pentachlorophenol	11.04	266	166645	62.338	ng		97
70) Phenanthrene	11.26	178	936049	38.003	ng		99
71) Anthracene	11.32	178	955257	37.997	ng		99
72) Carbazole	11.47	167	890931	36.325	ng		99
73) Di-n-butylphthalate	11.80	149	1139324	37.163	ng		99
74) Fluoranthene	12.45	202	840371	33.458	ng		98
76) Benzidine	12.57	184	93177	10.474	ng		98
77) Pyrene	12.68	202	829842	40.533	ng		99
79) Butylbenzylphthalate	13.30	149	408696	40.113	ng		93
80) Benzo(a)anthracene	13.87	228	642377	39.403	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	160144	26.778	ng		97
82) Chrysene	13.90	228	618948	37.386	ng		100
83) Bis(2-ethylhexyl)phthalate	13.85	149	560492	40.934	ng	#	98
84) Di-n-octyl phthalate	14.46	149	914923	41.088	ng		99
85) Indeno(1,2,3-cd)pyrene	16.70	276	640101	46.816	ng		99
87) Benzo(b)fluoranthene	14.90	252	626788	36.424	ng		98
88) Benzo(k)fluoranthene	14.93	252	594273	36.553	ng		98
89) Benzo(a)pyrene	15.24	252	597024	38.469	ng		98
90) Dibenzo(a,h)anthracene	16.72	278	529754	42.138	ng		98
91) Benzo(g,h,i)perylene	17.13	276	525267	42.315	ng		98

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

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