Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102682.D
Acq On : 1 Feb 2018 3:44
Operator : SJ/JU
Sample : PB106224BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB106224BS

Quant Time: Feb 01 04:18:57 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 18:38:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	150794	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	511636	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	191680	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	286842	20.00	ng		0.00
75) Chrysene-d12	13.87	240	257992	20.00	ng		0.00
86) Perylene-d12	15.30	264	187059	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1060732	106.66	ng		0.03
7) Phenol-d6	6.37	99	1182158	98.60	ng		0.02
23) Nitrobenzene-d5	7.28	82	753739	84.66	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	157890	83.13	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1058143	81.17	ng		0.00
78) Terphenyl-d14	12.81	244	841899	73.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	164276	34.766	ng		97
3) Pyridine	3.15	79	437965	35.467	ng		93
4) n-Nitrosodimethylamine	3.11	42	208824	43.136	ng		99
6) Aniline	6.37	93	208415	13.142	ng	#	54
8) 2-Chlorophenol	6.50	128	391851	37.587	ng		99
9) Benzaldehyde	6.26	77	152732	19.558	ng		96
10) Phenol	6.39	94	448946	34.298	ng		91
11) bis(2-Chloroethyl)ether	6.45	93	376221	37.790	ng		99
12) 1,3-Dichlorobenzene	6.65	146	426644	34.411	ng		98
13) 1,4-Dichlorobenzene	6.73	146	423552	34.103	ng		99
14) 1,2-Dichlorobenzene	6.88	146	378850	33.348	ng		97
15) Benzyl Alcohol	6.86	79	264835	31.306	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	595142	35.643	ng		72
17) 2-Methylphenol	6.99	107	301894	33.343	ng	#	91
18) Hexachloroethane	7.21	117	108984	25.182	ng		94
19) n-Nitroso-di-n-propylamine	7.13	70	275695	37.574	ng		96
20) 3+4-Methylphenols	7.15	107	414888	38.962	ng		93
22) Acetophenone	7.12	105	544685	44.659	ng		99
24) Nitrobenzene	7.30	77	385943	42.359	ng		99
25) Isophorone	7.53	82	608451	38.335	ng		99
26) 2-Nitrophenol	7.62	139	154925	32.307	ng		91
27) 2,4-Dimethylphenol	7.66	122	282658	40.594	ng		98
28) bis(2-Chloroethoxy)methane	7.75	93	392695	40.051	ng		99
29) 2,4-Dichlorophenol	7.87	162	252726	35.631	ng		96
30) 1,2,4-Trichlorobenzene	7.93	180	258497	33.999	ng		99
31) Naphthalene	8.02	128	903364	35.363	ng		100
32) Benzoic acid	7.80	122	136673	23.428	ng		98
33) 4-Chloroaniline	8.07	127	99833	9.294	ng		98
34) Hexachlorobutadiene	8.12	225	140344	34.561	ng		98
35) Caprolactam	8.45	113	71645	30.585	ng		98
36) 4-Chloro-3-methylphenol	8.57	107	252164	33.728	ng		99
37) 2-Methylnaphthalene	8.70	142	593018	34.858	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	222388	38.563	ng		98
42) 2,4,6-Trichlorophenol	8.99	196	138328	35.832	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	138267	31.810	ng		96
45) 1,1'-Biphenyl	9.17	154	661468	38.594	ng		98
46) 2-Chloronaphthalene	9.19	162	491167	36.868	ng		98
47) 2-Nitroaniline	9.30	65	159425	38.384	ng		99
48) Acenaphthylene	9.60	152	709884	34.203	ng		100
49) Dimethylphthalate	9.47	163	572884	36.159	ng		99
50) 2,6-Dinitrotoluene	9.54	165	113105	33.111	ng		91
51) Acenaphthene	9.77	154	420943	34.727	ng		100
52) 3-Nitroaniline	9.72	138	95319	23.588	ng		97
53) 2,4-Dinitrophenol	9.85	184	5163	6.909	ng	#	24
54) Dibenzofuran	9.95	168	601274	36.652	ng		98
55) 4-Nitrophenol	9.91	139	99404	37.266	ng		96
56) 2,4-Dinitrotoluene	9.95	165	127770	30.417	ng	#	80
57) Fluorene	10.29	166	471959	36.306	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	95786	30.864	ng		95
59) Diethylphthalate	10.16	149	537252	34.895	ng		99
60) 4-Chlorophenyl-phenylether	10.28	204	209853	37.235	ng		97
61) 4-Nitroaniline	10.33	138	116359	28.857	ng		86
62) Azobenzene	10.45	77	481324	34.146	ng		96
64) 4,6-Dinitro-2-methylphenol	10.37	198	7475	3.906	ng		93
65) n-Nitrosodiphenylamine	10.40	169	409089	38.856	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	118821	38.480	ng		95
67) Hexachlorobenzene	10.84	284	115402	33.417	ng		96
68) Atrazine	10.93	200	119749	38.511	ng		97
69) Pentachlorophenol	11.05	266	59948	33.045	ng		97
70) Phenanthrene	11.26	178	623236	37.286	ng		98
71) Anthracene	11.31	178	650624	38.136	ng		99
72) Carbazole	11.47	167	622033	37.372	ng		98
73) Di-n-butylphthalate	11.79	149	763244	36.686	ng		98
74) Fluoranthene	12.45	202	651979	38.250	ng		97
76) Benzidine	12.57	184	383510	44.250	ng		97
77) Pyrene	12.67	202	669327	33.555	ng		100
79) Butylbenzylphthalate	13.28	149	336570	33.905	ng		99
80) Benzo(a)anthracene	13.86	228	599584	37.748	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	199943	34.315	ng		98
82) Chrysene	13.90	228	570894	35.394	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	459718	34.461	ng	#	97
84) Di-n-octyl phthalate	14.44	149	837617	38.609	ng		100
85) Indeno(1,2,3-cd)pyrene	16.70	276	367313	27.574	ng		97
87) Benzo(b)fluoranthene	14.89	252	473972	39.093	ng		99
88) Benzo(k)fluoranthene	14.92	252	440417	38.449	ng		100
89) Benzo(a)pyrene	15.24	252	410582	37.548	ng		97
90) Dibenzo(a,h)anthracene	16.71	278	309964	34.994	ng		97
91) Benzo(g,h,i)perylene	17.12	276	305012	34.875	ng		96

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