Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
Data File : BF103639.D
Acq On : 14 Mar 2018 14:38
Operator : SJ/JU
Sample : PB107325BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB107325BS

Manual Integrations APPROVED
Sohil
3/15/2018 6:57:00 PM

Quant Time: Mar 14 18:19:08 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 18:08:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	121289	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	531496	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	238099	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	403628	20.00	ng		0.00
75) Chrysene-d12	14.06	240	219656	20.00	ng		0.00
86) Perylene-d12	15.57	264	218287	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1005956	125.44	ng		0.00
7) Phenol-d6	6.50	99	1151708	117.37	ng		0.00
23) Nitrobenzene-d5	7.43	82	769059	82.63	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	207198	102.81	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1137174	81.45	ng		0.00
78) Terphenyl-d14	12.98	244	911949	99.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	121072	28.584	ng		92
3) Pyridine	3.54	79	316829m	28.019	ng		
4) n-Nitrosodimethylamine	3.48	42	156419m	34.299	ng		
6) Aniline	6.53	93	264883	18.703	ng	#	56
8) 2-Chlorophenol	6.65	128	324373	38.936	ng		89
9) Benzaldehyde	6.43	77	113970	16.047	ng		97
10) Phenol	6.52	94	381001	33.445	ng		90
11) bis(2-Chloroethyl)ether	6.59	93	283247	32.760	ng		95
12) 1,3-Dichlorobenzene	6.80	146	327470	34.397	ng		99
13) 1,4-Dichlorobenzene	6.87	146	364605	38.199	ng		97
14) 1,2-Dichlorobenzene	7.02	146	304754	34.626	ng		99
15) Benzyl Alcohol	7.02	79	253691	34.308	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	522891	35.218	ng		54
17) 2-Methylphenol	7.12	107	265314	35.044	ng	#	78
18) Hexachloroethane	7.36	117	124248	35.757	ng		95
19) n-Nitroso-di-n-propylamine	7.27	70	253390	41.490	ng		97
20) 3+4-Methylphenols	7.29	107	353421	38.295	ng	#	74
22) Acetophenone	7.27	105	476895	38.441	ng	#	93
24) Nitrobenzene	7.45	77	360871	35.218	ng		92
25) Isophorone	7.68	82	682542	37.237	ng		98
26) 2-Nitrophenol	7.76	139	176086	36.504	ng		94
27) 2,4-Dimethylphenol	7.80	122	293696	39.832	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	416748	38.671	ng		98
29) 2,4-Dichlorophenol	8.02	162	264257	37.434	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	257251	34.221	ng		99
31) Naphthalene	8.16	128	962499	36.989	ng		99
32) Benzoic acid	7.95	122	49987m	14.736	ng		
33) 4-Chloroaniline	8.24	127	160102	14.258	ng		96
34) Hexachlorobutadiene	8.26	225	125450	32.047	ng		97
35) Caprolactam	8.60	113	81882	33.003	ng	#	78
36) 4-Chloro-3-methylphenol	8.71	107	303871	38.164	ng		95
37) 2-Methylnaphthalene	8.85	142	598270	35.576	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	226690	34.826	ng		99
40) Hexachlorocyclopentadiene	8.99	237	31461	21.072	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	145957	33.325	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	154813	30.732	ng		97
45) 1,1'-Biphenyl	9.32	154	699491	35.059	ng		98
46) 2-Chloronaphthalene	9.35	162	556168	35.235	ng		99
47) 2-Nitroaniline	9.46	65	222802	38.107	ng		88
48) Acenaphthylene	9.76	152	818806	33.715	ng		99
49) Dimethylphthalate	9.62	163	634154	33.201	ng		100
50) 2,6-Dinitrotoluene	9.69	165	137637	34.338	ng	#	77
51) Acenaphthene	9.93	154	477584	33.724	ng		99
52) 3-Nitroaniline	9.88	138	121297	23.852	ng		91
53) 2,4-Dinitrophenol	10.06	184	24704	24.632	ng	#	1
54) Dibenzofuran	10.10	168	715912	36.827	ng		92
55) 4-Nitrophenol	10.07	139	75524	23.962	ng	#	86
56) 2,4-Dinitrotoluene	10.12	165	174857	34.492	ng	#	87
57) Fluorene	10.45	166	565666	34.158	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	107455	31.754	ng	#	95
59) Diethylphthalate	10.31	149	643683	35.235	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	255625	36.400	ng		97
61) 4-Nitroaniline	10.50	138	156077	30.727	ng		98
62) Azobenzene	10.60	77	703774	37.848	ng		95
64) 4,6-Dinitro-2-methylphenol	10.53	198	26253	14.534	ng	#	67
65) n-Nitrosodiphenylamine	10.56	169	498275	35.455	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	144308	34.321	ng		98
67) Hexachlorobenzene	11.00	284	147621	32.347	ng		95
68) Atrazine	11.09	200	149711	35.442	ng		98
69) Pentachlorophenol	11.22	266	67375	30.533	ng		96
70) Phenanthrene	11.42	178	750606	33.791	ng		98
71) Anthracene	11.47	178	840532	36.901	ng		99
72) Carbazole	11.64	167	798059	35.183	ng		99
73) Di-n-butylphthalate	11.94	149	1016576	35.816	ng		99
74) Fluoranthene	12.62	202	728103	32.619	ng		99
76) Benzidine	12.75	184	335525	40.858	ng		97
77) Pyrene	12.85	202	705164	41.176	ng		99
79) Butylbenzylphthalate	13.45	149	387642	42.842	ng		96
80) Benzo(a)anthracene	14.04	228	492370	34.547	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	124875	24.551	ng		96
82) Chrysene	14.09	228	495709	35.821	ng		100
83) Bis(2-ethylhexyl)phthalate	14.00	149	490901	40.204	ng		99
84) Di-n-octyl phthalate	14.62	149	756472	38.345	ng		98
85) Indeno(1,2,3-cd)pyrene	17.12	276	501450	45.771	ng		98
87) Benzo(b)fluoranthene	15.12	252	425551m	29.651	ng		
88) Benzo(k)fluoranthene	15.15	252	468816	34.689	ng		98
89) Benzo(a)pyrene	15.51	252	446490	34.837	ng		99
90) Dibenzo(a,h)anthracene	17.12	278	425119	42.926	ng		98
91) Benzo(g,h,i)perylene	17.59	276	429226	44.346	ng		97

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

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