Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102416.D
Acq On : 25 Jan 2018 10:44
Operator : SJ/JU
Sample : PB105903BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB105903BS

Manual Integrations APPROVED
Sohil
1/25/2018 5:41:59 PM

Quant Time: Jan 25 14:01:25 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	6.71	152	137178	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	573576	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	265935	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	471111	20.00	ng		0.00
75) Chrysene-d12	13.88	240	365435	20.00	ng		0.00
86) Perylene-d12	15.30	264	305044	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	946349	104.60	ng		0.01
7) Phenol-d6	6.37	99	1146438	105.11	ng		0.00
23) Nitrobenzene-d5	7.29	82	709315	71.07	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	251468	95.43	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1295249	71.61	ng		0.00
78) Terphenyl-d14	12.83	244	1208242	74.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	130820	30.433	ng		97
3) Pyridine	3.16	79	373561	33.254	ng		96
4) n-Nitrosodimethylamine	3.12	42	179325	40.719	ng		100
6) Aniline	6.38	93	219279	15.200	ng	#	1
8) 2-Chlorophenol	6.50	128	359547	37.912	ng		98
9) Benzaldehyde	6.26	77	190623	28.708	ng		95
10) Phenol	6.38	94	427131	35.870	ng		87
11) bis(2-Chloroethyl)ether	6.46	93	331341	36.586	ng		97
12) 1,3-Dichlorobenzene	6.65	146	375450	33.287	ng		99
13) 1,4-Dichlorobenzene	6.73	146	377321	33.396	ng		98
14) 1,2-Dichlorobenzene	6.89	146	353228	34.179	ng		97
15) Benzyl Alcohol	6.87	79	278196	36.149	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	514448	33.869	ng		77
17) 2-Methylphenol	6.98	107	295045	35.822	ng		95
18) Hexachloroethane	7.22	117	134542	34.173	ng		96
19) n-Nitroso-di-n-propylamine	7.13	70	233585	34.995	ng		96
20) 3+4-Methylphenols	7.14	107	371912	38.393	ng		96
22) Acetophenone	7.13	105	491321	35.933	ng		96
24) Nitrobenzene	7.30	77	362723	35.512	ng		97
25) Isophorone	7.55	82	656033	36.869	ng		98
26) 2-Nitrophenol	7.62	139	204746	38.086	ng		99
27) 2,4-Dimethylphenol	7.66	122	324598	41.583	ng		97
28) bis(2-Chloroethoxy)methane	7.75	93	415669	37.816	ng		99
29) 2,4-Dichlorophenol	7.86	162	305567	38.429	ng		99
30) 1,2,4-Trichlorobenzene	7.94	180	288485	33.845	ng		98
31) Naphthalene	8.02	128	1015533	35.461	ng		100
32) Benzoic acid	7.82	122	230032	35.173	ng		95
33) 4-Chloroaniline	8.07	127	117109	9.725	ng		97
34) Hexachlorobutadiene	8.13	225	149112	32.755	ng		99
35) Caprolactam	8.47	113	104855m	39.929	ng		
36) 4-Chloro-3-methylphenol	8.57	107	330041	39.378	ng		99
37) 2-Methylnaphthalene	8.71	142	701148	36.763	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	270038	33.751	ng		99
40) Hexachlorocyclopentadiene	8.86	237	242612	67.757	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	197665	36.905	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	212875	35.300	ng		99
45) 1,1'-Biphenyl	9.17	154	809078	34.025	ng		98
46) 2-Chloronaphthalene	9.20	162	629706	34.069	ng		97
47) 2-Nitroaniline	9.30	65	210444	36.520	ng		95
48) Acenaphthylene	9.62	152	964705	33.502	ng		100
49) Dimethylphthalate	9.48	163	751229	34.176	ng		100
50) 2,6-Dinitrotoluene	9.55	165	165960	35.019	ng		89
51) Acenaphthene	9.79	154	562444	33.444	ng		99
52) 3-Nitroaniline	9.72	138	90785	16.193	ng		97
53) 2,4-Dinitrophenol	9.83	184	159360	75.179	ng	#	20
54) Dibenzofuran	9.96	168	835903	36.727	ng		98
55) 4-Nitrophenol	9.90	139	258916	69.963	ng		94
56) 2,4-Dinitrotoluene	9.96	165	208512	35.778	ng		94
57) Fluorene	10.30	166	655804	36.362	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	164624	38.233	ng		97
59) Diethylphthalate	10.18	149	720500	33.731	ng		99
60) 4-Chlorophenyl-phenylether	10.29	204	280778	35.908	ng		95
61) 4-Nitroaniline	10.33	138	183768	32.849	ng		92
62) Azobenzene	10.46	77	678039	34.670	ng		96
64) 4,6-Dinitro-2-methylphenol	10.36	198	102958	32.757	ng		96
65) n-Nitrosodiphenylamine	10.42	169	604660	34.968	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	176540	34.810	ng		99
67) Hexachlorobenzene	10.85	284	176800	31.171	ng		96
68) Atrazine	10.95	200	185766	36.375	ng		98
69) Pentachlorophenol	11.05	266	193142	64.823	ng		98
70) Phenanthrene	11.26	178	950530	34.624	ng		99
71) Anthracene	11.32	178	978540	34.922	ng		100
72) Carbazole	11.47	167	940987	34.422	ng		99
73) Di-n-butylphthalate	11.80	149	1121287	32.815	ng		99
74) Fluoranthene	12.45	202	978443	34.951	ng		98
76) Benzidine	12.58	184	270191	22.009	ng		97
77) Pyrene	12.68	202	982926	34.789	ng		99
79) Butylbenzylphthalate	13.30	149	488026	34.708	ng		97
80) Benzo(a)anthracene	13.87	228	804684	35.766	ng		100
81) 3,3'-Dichlorobenzidine	13.83	252	205270	24.871	ng		99
82) Chrysene	13.91	228	796357	34.856	ng		98
83) Bis(2-ethylhexyl)phthalate	13.86	149	643987	34.080	ng		99
84) Di-n-octyl phthalate	14.47	149	1104598	35.945	ng		100
85) Indeno(1,2,3-cd)pyrene	16.70	276	583919	30.946	ng		99
87) Benzo(b)fluoranthene	14.90	252	736768	37.264	ng		99
88) Benzo(k)fluoranthene	14.93	252	690173	36.948	ng		98
89) Benzo(a)pyrene	15.24	252	656778	36.832	ng		97
90) Dibenzo(a,h)anthracene	16.71	278	477833	33.081	ng		98
91) Benzo(g,h,i)perylene	17.12	276	483522	33.902	ng		97

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

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