Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103910.D
Acq On : 24 Mar 2018 5:18
Operator : JU/SJ
Sample : PB107612BSD
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB107612BSD

Manual Integrations APPROVED
Sohil
3/26/2018 4:33:46 PM

Quant Time: Mar 24 06:46:16 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	127565	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	503063	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	209665	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	318672	20.00	ng		0.00
75) Chrysene-d12	14.17	240	231396	20.00	ng		0.00
86) Perylene-d12	15.71	264	172011	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	690223	82.30	ng		0.01
7) Phenol-d6	6.60	99	849709	82.81	ng		0.00
23) Nitrobenzene-d5	7.54	82	718358	99.58	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	172137	95.49	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1259547	95.83	ng		0.00
78) Terphenyl-d14	13.10	244	931726	93.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	134537	32.578	ng	#	89
3) Pyridine	3.66	79	391901	34.501	ng		88
4) n-Nitrosodimethylamine	3.62	42	153589	36.672	ng	#	72
6) Aniline	6.64	93	252255	17.217	ng		96
8) 2-Chlorophenol	6.76	128	376797	42.887	ng		94
9) Benzaldehyde	6.53	77	99289	14.729	ng		96
10) Phenol	6.61	94	463164	42.479	ng		98
11) bis(2-Chloroethyl)ether	6.70	93	352019	39.109	ng		97
12) 1,3-Dichlorobenzene	6.92	146	386104	38.585	ng		98
13) 1,4-Dichlorobenzene	6.99	146	390170	38.803	ng		100
14) 1,2-Dichlorobenzene	7.15	146	364244	39.037	ng		100
15) Benzyl Alcohol	7.11	79	302037	37.991	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	454381	35.493	ng		92
17) 2-Methylphenol	7.22	107	307556	39.310	ng		96
18) Hexachloroethane	7.49	117	102674	29.029	ng		99
19) n-Nitroso-di-n-propylamine	7.38	70	241211	36.681	ng		94
20) 3+4-Methylphenols	7.37	107	382938	38.567	ng		95
22) Acetophenone	7.38	105	480128	37.136	ng	#	96
24) Nitrobenzene	7.56	77	365460	43.152	ng		97
25) Isophorone	7.79	82	680494	40.749	ng		99
26) 2-Nitrophenol	7.87	139	149708	46.764	ng		89
27) 2,4-Dimethylphenol	7.90	122	338232	47.278	ng		96
28) bis(2-Chloroethoxy)methane	8.00	93	444849	43.991	ng		99
29) 2,4-Dichlorophenol	8.11	162	297162	45.656	ng		100
30) 1,2,4-Trichlorobenzene	8.20	180	303553	40.211	ng		99
31) Naphthalene	8.28	128	1012806	39.855	ng		100
32) Benzoic acid	8.01	122	175544m	37.505	ng		
33) 4-Chloroaniline	8.32	127	116401	10.918	ng		97
34) Hexachlorobutadiene	8.39	225	164007	39.625	ng		100
35) Caprolactam	8.70	113	98559m	43.976	ng		
36) 4-Chloro-3-methylphenol	8.80	107	307818	42.900	ng		97
37) 2-Methylnaphthalene	8.97	142	657829	40.820	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	276411	46.211	ng		98
40) Hexachlorocyclopentadiene	9.12	237	22344	7.239	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	187907	49.114	ng		97
43) 2,4,5-Trichlorophenol	9.29	196	192397	44.554	ng		97
45) 1,1'-Biphenyl	9.43	154	760505	43.500	ng		100
46) 2-Chloronaphthalene	9.46	162	590161	42.500	ng		99
47) 2-Nitroaniline	9.56	65	190534	51.819	ng		98
48) Acenaphthylene	9.88	152	868710	40.343	ng		100
49) Dimethylphthalate	9.73	163	720490	45.041	ng		100
50) 2,6-Dinitrotoluene	9.80	165	132609	43.281	ng		92
51) Acenaphthene	10.05	154	515336	40.306	ng		99
52) 3-Nitroaniline	9.97	138	160156	43.567	ng		98
53) 2,4-Dinitrophenol	10.07	184	10982	26.019	ng	#	25
54) Dibenzofuran	10.23	168	769898	42.162	ng		99
55) 4-Nitrophenol	10.13	139	219038	75.115	ng		87
56) 2,4-Dinitrotoluene	10.20	165	158330	41.373	ng	#	91
57) Fluorene	10.57	166	571036	40.300	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	143724	46.971	ng		92
59) Diethylphthalate	10.43	149	676714	42.623	ng		97
60) 4-Chlorophenyl-phenylether	10.56	204	281675	43.497	ng		95
61) 4-Nitroaniline	10.59	138	164924	46.346	ng		94
62) Azobenzene	10.72	77	585293	36.260	ng		96
64) 4,6-Dinitro-2-methylphenol	10.61	198	9154	16.234	ng		83
65) n-Nitrosodiphenylamine	10.67	169	523635	48.275	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	161804	49.452	ng	#	89
67) Hexachlorobenzene	11.12	284	166903	44.694	ng	#	85
68) Atrazine	11.20	200	153155	45.644	ng		99
69) Pentachlorophenol	11.32	266	150783	70.231	ng		97
70) Phenanthrene	11.54	178	741357	42.528	ng		98
71) Anthracene	11.59	178	757223	42.769	ng		99
72) Carbazole	11.74	167	709812	41.248	ng		99
73) Di-n-butylphthalate	12.06	149	957654	46.380	ng		99
74) Fluoranthene	12.73	202	732180	40.769	ng		97
76) Benzidine	12.85	184	618580	62.678	ng		98
77) Pyrene	12.96	202	741477	43.633	ng		99
79) Butylbenzylphthalate	13.57	149	358214	47.578	ng		96
80) Benzo(a)anthracene	14.16	228	625860	42.729	ng		99
81) 3,3'-Dichlorobenzidine	14.12	252	233592	47.677	ng	#	98
82) Chrysene	14.19	228	589087	42.190	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	500426	46.526	ng		99
84) Di-n-octyl phthalate	14.75	149	851677	54.428	ng		96
85) Indeno(1,2,3-cd)pyrene	17.30	276	439951	36.081	ng		98
87) Benzo(b)fluoranthene	15.25	252	477294	43.920	ng		98
88) Benzo(k)fluoranthene	15.28	252	479789	45.929	ng		100
89) Benzo(a)pyrene	15.64	252	436787	44.314	ng		99
90) Dibenzo(a,h)anthracene	17.31	278	370399	43.398	ng		99
91) Benzo(g,h,i)perylene	17.78	276	362441	43.651	ng		96

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

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