Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
Data File : BF111249.D
Acq On : 10 Dec 2018 18:29
Operator : JU/SJ
Sample : PB115276BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB115276BSD

Manual Integrations APPROVED
Sohil
12/11/2018 2:23:31 PM

Quant Time: Dec 11 05:40:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 01:15:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	571679	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	2383618	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	1139510	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1913477	20.00	ng		0.00
76) Chrysene-d12	13.96	240	1211162	20.00	ng		0.00
87) Perylene-d12	15.39	264	1073965	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	3843421	106.16	ng		0.02
7) Phenol-d6	6.44	99	4989372	110.89	ng		0.00
23) Nitrobenzene-d5	7.36	82	2675091	62.95	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	1058005	104.82	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	4359585	60.87	ng		0.00
79) Terphenyl-d14	12.91	244	3754351	74.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	666853	35.900	ng		98
3) Pyridine	3.36	79	1839836	37.282	ng		99
4) n-Nitrosodimethylamine	3.30	42	870491	41.372	ng		96
6) Aniline	6.46	93	1880904	31.355	ng		99
8) 2-Chlorophenol	6.59	128	1626396	39.522	ng		95
9) Benzaldehyde	6.35	77	714941	24.490	ng		99
10) Phenol	6.45	94	2008262	38.174	ng		96
11) bis(2-Chloroethyl)ether	6.54	93	1565212	38.470	ng		100
12) 1,3-Dichlorobenzene	6.74	146	1661272	37.571	ng		97
13) 1,4-Dichlorobenzene	6.82	146	1682172	37.677	ng		97
14) 1,2-Dichlorobenzene	6.97	146	1567510	37.642	ng		98
15) Benzyl Alcohol	6.95	79	1397765	39.258	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	3026575	39.732	ng		100
17) 2-Methylphenol	7.06	107	1392691	41.452	ng		98
18) Hexachloroethane	7.32	117	647001	38.062	ng		95
19) n-Nitroso-di-n-propylamine	7.22	70	1157416	38.402	ng		96
20) 3+4-Methylphenols	7.21	107	1614735	40.407	ng		98
22) Acetophenone	7.21	105	2138303	39.207	ng	#	98
24) Nitrobenzene	7.38	77	1730488	39.124	ng		96
25) Isophorone	7.62	82	3235483	44.700	ng		99
26) 2-Nitrophenol	7.70	139	879118	40.004	ng		98
27) 2,4-Dimethylphenol	7.74	122	1541955	45.408	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	2066657	41.232	ng		100
29) 2,4-Dichlorophenol	7.94	162	1394636	40.165	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	1332039	38.946	ng		99
31) Naphthalene	8.10	128	4473911	43.006	ng		99
32) Benzoic acid	7.87	122	1186289	42.245	ng		98
33) 4-Chloroaniline	8.15	127	1183163	23.679	ng		96
34) Hexachlorobutadiene	8.23	225	706610	37.427	ng		98
35) Caprolactam	8.52	113	495716m	40.289	ng		
36) 4-Chloro-3-methylphenol	8.64	107	1491454	41.952	ng		97
37) 2-Methylnaphthalene	8.80	142	3100003	44.883	ng		99
38) 1-Methylnaphthalene	8.90	142	2945233	43.544	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1069076	33.717	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1470682	81.446 ng	99
43) 2,4,6-Trichlorophenol	9.07	196	912067	38.321 ng	99
44) 2,4,5-Trichlorophenol	9.12	196	926488	37.368 ng	96
46) 1,1'-Biphenyl	9.26	154	3390193	35.686 ng	99
47) 2-Chloronaphthalene	9.29	162	2724319	36.538 ng	100
48) 2-Nitroaniline	9.37	65	977183	38.420 ng	99
49) Acenaphthylene	9.70	152	4221417	39.000 ng	99
50) Dimethylphthalate	9.56	163	3120792	37.117 ng	100
51) 2,6-Dinitrotoluene	9.62	165	744424	40.091 ng	94
52) Acenaphthene	9.87	154	2812928	41.411 ng	100
53) 3-Nitroaniline	9.79	138	557787	24.337 ng	95
54) 2,4-Dinitrophenol	9.89	184	618935	84.352 ng	93
55) Dibenzofuran	10.05	168	3661716	39.624 ng	98
56) 4-Nitrophenol	9.95	139	1324497	74.202 ng	98
57) 2,4-Dinitrotoluene	10.02	165	976470	42.658 ng	90
58) Fluorene	10.39	166	2686168	37.563 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	781805	41.600 ng	99
60) Diethylphthalate	10.27	149	3005712	37.497 ng	99
61) 4-Chlorophenyl-phenylether	10.38	204	1223229	34.451 ng	99
62) 4-Nitroaniline	10.40	138	821268	37.871 ng	96
63) Azobenzene	10.54	77	3145974	37.802 ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	408281	36.288 ng	85
66) n-Nitrosodiphenylamine	10.50	169	2542738	39.037 ng	100
67) 4-Bromophenyl-phenylether	10.87	248	800248	38.183 ng	96
68) Hexachlorobenzene	10.94	284	811135	38.046 ng	98
69) Atrazine	11.03	200	795947	40.185 ng	98
70) Pentachlorophenol	11.13	266	961456	62.165 ng	95
71) Phenanthrene	11.35	178	3728510	38.632 ng	99
72) Anthracene	11.40	178	3889323	38.518 ng	99
73) Carbazole	11.55	167	3678572	34.841 ng	99
74) Di-n-butylphthalate	11.89	149	4211867	38.811 ng	100
75) Fluoranthene	12.53	202	3683701	41.782 ng	96
77) Benzidine	12.65	184	1903853	52.941 ng	99
78) Pyrene	12.76	202	3753060	43.363 ng	99
80) Butylbenzylphthalate	13.39	149	1856264	41.061 ng	94
81) Benzo(a)anthracene	13.95	228	2756000	40.787 ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	763983	27.585 ng	98
83) Chrysene	13.99	228	2822518	40.519 ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	2113838	39.351 ng	99
85) Di-n-octyl phthalate	14.56	149	3668372	40.743 ng	99
86) Indeno(1,2,3-cd)pyrene	16.81	276	2536937	45.117 ng	99
88) Benzo(b)fluoranthene	14.98	252	2462564	41.462 ng	99
89) Benzo(k)fluoranthene	15.01	252	2436093	43.626 ng	98
90) Benzo(a)pyrene	15.33	252	2371603	43.362 ng	99
91) Dibenzo(a,h)anthracene	16.83	278	2071383	48.218 ng	99
92) Benzo(g,h,i)perylene	17.24	276	2173613	50.545 ng	96

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

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