Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
Data File : BF111250.D
Acq On : 10 Dec 2018 18:57
Operator : JU/SJ
Sample : PB115431BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB115431BS

Manual Integrations APPROVED
Sohil
12/11/2018 2:23:34 PM

Quant Time: Dec 11 05:41:59 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	504542	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	2076376	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	972228	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1637976	20.00	ng		0.00
76) Chrysene-d12	13.96	240	1020077	20.00	ng		0.00
87) Perylene-d12	15.39	264	765166	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	3773525	118.10	ng		0.02
7) Phenol-d6	6.44	99	4783867	120.48	ng		0.00
23) Nitrobenzene-d5	7.36	82	2550375	68.89	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	1015566	117.92	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	4148297	70.35	ng		0.00
79) Terphenyl-d14	12.91	244	3631709	85.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	602849	36.772	ng		98
3) Pyridine	3.36	79	1661810	38.156	ng		97
4) n-Nitrosodimethylamine	3.29	42	802478	43.215	ng		96
6) Aniline	6.46	93	1788307	33.778	ng		98
8) 2-Chlorophenol	6.59	128	1535446	42.277	ng		97
9) Benzaldehyde	6.35	77	600095	23.047	ng		98
10) Phenol	6.45	94	1906659	41.065	ng		95
11) bis(2-Chloroethyl)ether	6.54	93	1476832	41.127	ng		99
12) 1,3-Dichlorobenzene	6.74	146	1569422	40.217	ng		98
13) 1,4-Dichlorobenzene	6.82	146	1588075	40.303	ng		98
14) 1,2-Dichlorobenzene	6.97	146	1498733	40.780	ng		99
15) Benzyl Alcohol	6.94	79	1327957	42.260	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2854573	42.460	ng		99
17) 2-Methylphenol	7.06	107	1307942	44.110	ng		99
18) Hexachloroethane	7.32	117	614989	40.993	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	1094491	41.146	ng		96
20) 3+4-Methylphenols	7.20	107	1501916	42.585	ng		96
22) Acetophenone	7.21	105	2017423	42.464	ng	#	96
24) Nitrobenzene	7.38	77	1654747	42.948	ng		95
25) Isophorone	7.62	82	3060906	48.546	ng		99
26) 2-Nitrophenol	7.70	139	839859	43.873	ng		96
27) 2,4-Dimethylphenol	7.74	122	1456123	49.225	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	1948563	44.628	ng		100
29) 2,4-Dichlorophenol	7.94	162	1313664	43.431	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	1268589	42.579	ng		100
31) Naphthalene	8.10	128	4280439	47.234	ng		99
32) Benzoic acid	7.86	122	1114803	45.574	ng		97
33) 4-Chloroaniline	8.15	127	1208737	27.771	ng		97
34) Hexachlorobutadiene	8.23	225	665948	40.492	ng		98
35) Caprolactam	8.52	113	455129m	42.463	ng		
36) 4-Chloro-3-methylphenol	8.64	107	1392545	44.966	ng		95
37) 2-Methylnaphthalene	8.80	142	2927232	48.653	ng		98
38) 1-Methylnaphthalene	8.90	142	2791811	47.383	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1042470	38.535	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1281689	83.192	ng	100
43) 2,4,6-Trichlorophenol	9.07	196	859350	42.319	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	894288	42.276	ng	99
46) 1,1'-Biphenyl	9.26	154	3211069	40.849	ng	100
47) 2-Chloronaphthalene	9.29	162	2594665	40.787	ng	98
48) 2-Nitroaniline	9.37	65	923696	42.565	ng	98
49) Acenaphthylene	9.70	152	3989317	43.197	ng	99
50) Dimethylphthalate	9.56	163	2953751	41.175	ng	99
51) 2,6-Dinitrotoluene	9.62	165	700353	44.208	ng	95
52) Acenaphthene	9.87	154	2686344	46.353	ng	100
53) 3-Nitroaniline	9.79	138	569412	29.119	ng	97
54) 2,4-Dinitrophenol	9.89	184	583232	93.163	ng	94
55) Dibenzofuran	10.05	168	3473160	44.051	ng	98
56) 4-Nitrophenol	9.95	139	1256664	82.515	ng	98
57) 2,4-Dinitrotoluene	10.02	165	916269	46.916	ng	91
58) Fluorene	10.39	166	2568291	42.094	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	728261	45.419	ng	99
60) Diethylphthalate	10.27	149	2868881	41.948	ng	100
61) 4-Chlorophenyl-phenylether	10.38	204	1161505	38.342	ng	97
62) 4-Nitroaniline	10.40	138	771776	41.713	ng	98
63) Azobenzene	10.54	77	2974765	41.895	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	393226	40.705	ng	81
66) n-Nitrosodiphenylamine	10.50	169	2414066	43.296	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	746068	41.586	ng	95
68) Hexachlorobenzene	10.94	284	764902	41.912	ng	99
69) Atrazine	11.03	200	733380	43.253	ng	99
70) Pentachlorophenol	11.13	266	913044	68.964	ng	96
71) Phenanthrene	11.34	178	3594814	43.511	ng	100
72) Anthracene	11.40	178	3671026	42.471	ng	100
73) Carbazole	11.55	167	3463441	38.321	ng	99
74) Di-n-butylphthalate	11.89	149	4038556	43.473	ng	100
75) Fluoranthene	12.53	202	3567744	47.273	ng	97
77) Benzidine	12.65	184	1515872	50.048	ng	98
78) Pyrene	12.76	202	3548934	48.685	ng	99
80) Butylbenzylphthalate	13.39	149	1762099	46.280	ng	93
81) Benzo(a)anthracene	13.94	228	2635466	46.310	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	807363	34.613	ng	99
83) Chrysene	13.99	228	2675740	45.607	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	2000900	44.226	ng	100
85) Di-n-octyl phthalate	14.56	149	3366175	44.390	ng	99
86) Indeno(1,2,3-cd)pyrene	16.81	276	2138686	45.159	ng	98
88) Benzo(b)fluoranthene	14.98	252	2138337	50.533	ng	99
89) Benzo(k)fluoranthene	15.01	252	2101943	52.834	ng	99
90) Benzo(a)pyrene	15.33	252	2008609	51.546	ng	99
91) Dibenzo(a,h)anthracene	16.83	278	1732201	56.596	ng	98
92) Benzo(g,h,i)perylene	17.24	276	1806995	58.978	ng	95

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

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