Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072618\
Data File : BN002177.D
Acq On : 26 Jul 2018 18:30
Operator : JU/SJ
Sample : PB111425BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 27 02:17:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN072518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 26 18:27:25 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB111425BS

Manual Integrations APPROVED
Sohil
7/27/2018 4:18:48 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	280837	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	1044484	20.00	ng		0.00
38) Acenaphthene-d10	14.32	164	516765	20.00	ng		0.00
63) Phenanthrene-d10	17.07	188	943553	20.00	ng		0.00
75) Chrysene-d12	21.27	240	696788	20.00	ng		0.00
86) Perylene-d12	23.50	264	646482	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	2621671	150.29	ng		0.00
7) Phenol-d6	6.89	99	3425750	139.94	ng		0.01
23) Nitrobenzene-d5	8.85	82	2069481	101.61	ng		0.00
41) 2,4,6-Tribromophenol	15.82	330	904504	134.79	ng		0.00
44) 2-Fluorobiphenyl	12.95	172	4160503	104.87	ng		0.00
78) Terphenyl-d14	19.71	244	3978896	119.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	248100	37.885	ng	#	81
3) Pyridine	3.66	79	737549	38.881	ng	#	72
4) n-Nitrosodimethylamine	3.59	42	387326	47.600	ng	#	73
6) Aniline	7.03	93	914713	30.589	ng		98
8) 2-Chlorophenol	7.27	128	940096	46.469	ng		94
9) Benzaldehyde	6.85	77	591652	39.244	ng		92
10) Phenol	6.91	94	1167831	46.541	ng		99
11) bis(2-Chloroethyl)ether	7.13	93	880710	43.122	ng		95
12) 1,3-Dichlorobenzene	7.58	146	988937	42.894	ng		99
13) 1,4-Dichlorobenzene	7.73	146	1014452	43.010	ng		97
14) 1,2-Dichlorobenzene	8.04	146	972263	42.730	ng		97
15) Benzyl Alcohol	7.93	79	791571	42.852	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.22	45	1438124	43.606	ng		93
17) 2-Methylphenol	8.14	107	773639	45.161	ng		95
18) Hexachloroethane	8.76	117	377548	43.737	ng		91
19) n-Nitroso-di-n-propylamine	8.50	70	697592	39.287	ng	#	97
20) 3+4-Methylphenols	8.47	107	1028973	43.051	ng		91
22) Acetophenone	8.51	105	1347317	49.751	ng	#	97
24) Nitrobenzene	8.89	77	1042438	49.387	ng		94
25) Isophorone	9.40	82	1833134	52.419	ng		96
26) 2-Nitrophenol	9.59	139	495907	48.636	ng		98
27) 2,4-Dimethylphenol	9.66	122	806837	56.897	ng		95
28) bis(2-Chloroethoxy)methane	9.89	93	1125853	49.839	ng		96
29) 2,4-Dichlorophenol	10.12	162	826792	50.000	ng		95
30) 1,2,4-Trichlorobenzene	10.33	180	901390	48.133	ng		96
31) Naphthalene	10.52	128	2716171	51.527	ng		98
32) Benzoic acid	9.82	122	482131	40.072	ng		92
33) 4-Chloroaniline	10.63	127	201889	8.608	ng		98
34) Hexachlorobutadiene	10.80	225	545212	47.542	ng		98
35) Caprolactam	11.41	113	225725m	39.999	ng		
36) 4-Chloro-3-methylphenol	11.76	107	841732	44.766	ng		98
37) 2-Methylnaphthalene	12.13	142	1908937	51.346	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	924536	53.208	ng	#	98
40) Hexachlorocyclopentadiene	12.48	237	1322501	134.761	ng		91

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN072518.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	604304	51.834	ng		97
43) 2,4,5-Trichlorophenol	12.82	196	627002	50.771	ng		98
45) 1,1'-Biphenyl	13.15	154	2332197	51.287	ng		99
46) 2-Chloronaphthalene	13.19	162	1790558	51.013	ng		98
47) 2-Nitroaniline	13.40	65	540659	47.870	ng		94
48) Acenaphthylene	14.05	152	2824380	53.026	ng		98
49) Dimethylphthalate	13.79	163	2045709	47.656	ng		99
50) 2,6-Dinitrotoluene	13.90	165	451154	47.307	ng		95
51) Acenaphthene	14.39	154	1612369	50.254	ng		98
52) 3-Nitroaniline	14.23	138	149060	14.426	ng	#	87
53) 2,4-Dinitrophenol	14.45	184	471113	93.296	ng		99
54) Dibenzofuran	14.73	168	2497652	48.015	ng		96
55) 4-Nitrophenol	14.56	139	694740	87.577	ng		93
56) 2,4-Dinitrotoluene	14.70	165	595304	45.994	ng		89
57) Fluorene	15.37	166	1963136	50.070	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.96	232	502733	47.335	ng		94
59) Diethylphthalate	15.16	149	1979254	45.301	ng		98
60) 4-Chlorophenyl-phenylether	15.37	204	979014	45.126	ng		95
61) 4-Nitroaniline	15.40	138	417409	39.628	ng		93
62) Azobenzene	15.67	77	1990534	47.481	ng		99
64) 4,6-Dinitro-2-methylphenol	15.46	198	307426	48.260	ng		98
65) n-Nitrosodiphenylamine	15.59	169	1638541	52.333	ng		97
66) 4-Bromophenyl-phenylether	16.27	248	573043	51.879	ng	#	92
67) Hexachlorobenzene	16.38	284	615090	50.344	ng		97
68) Atrazine	16.55	200	519090	49.243	ng		97
69) Pentachlorophenol	16.73	266	639297	81.289	ng		99
70) Phenanthrene	17.12	178	2718814	52.789	ng		99
71) Anthracene	17.20	178	2773629	54.410	ng		98
72) Carbazole	17.47	167	2353990	46.021	ng		97
73) Di-n-butylphthalate	18.05	149	2908542	48.748	ng		99
74) Fluoranthene	19.13	202	2742685	49.048	ng		98
76) Benzidine	19.32	184	929065	40.881	ng		97
77) Pyrene	19.50	202	2696610	56.118	ng		100
79) Butylbenzylphthalate	20.41	149	1129509	53.999	ng		92
80) Benzo(a)anthracene	21.25	228	2294989	54.039	ng		98
81) 3,3'-Dichlorobenzidine	21.19	252	446029	26.958	ng	#	99
82) Chrysene	21.30	228	2145944	53.070	ng		97
83) Bis(2-ethylhexyl)phthalate	21.19	149	1572664	53.917	ng		96
84) Di-n-octyl phthalate	22.07	149	2533435	54.778	ng		97
85) Indeno(1,2,3-cd)pyrene	25.73	276	2510514	63.681	ng	#	95
87) Benzo(b)fluoranthene	22.83	252	2082967	54.594	ng		97
88) Benzo(k)fluoranthene	22.87	252	2064249m	54.936	ng		
89) Benzo(a)pyrene	23.40	252	2009386	56.392	ng		98
90) Dibenzo(a,h)anthracene	25.74	278	2099359	62.754	ng	#	96
91) Benzo(g,h,i)perylene	26.41	276	2144236	66.323	ng	#	95

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

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