Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111218\
Data File : BN003510.D
Acq On : 12 Nov 2018 17:16
Operator : MJ/SJ
Sample : PB114540BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB114540BS

Quant Time: Nov 13 00:35:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 15:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	89913	20.00	ng		0.00
21) Naphthalene-d8	10.65	136	373048	20.00	ng		0.00
39) Acenaphthene-d10	14.48	164	209716	20.00	ng		0.00
64) Phenanthrene-d10	17.23	188	410357	20.00	ng		0.00
76) Chrysene-d12	21.40	240	317169	20.00	ng		0.00
87) Perylene-d12	23.72	264	335830	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	729184	146.27	ng		0.00
7) Phenol-d6	7.01	99	935220	135.27	ng		0.00
23) Nitrobenzene-d5	9.02	82	417595	70.46	ng		0.00
42) 2,4,6-Tribromophenol	15.97	330	406249	129.94	ng		0.00
45) 2-Fluorobiphenyl	13.10	172	1126951	71.73	ng		0.00
79) Terphenyl-d14	19.84	244	1310958	81.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	89901	46.656	ng		99
3) Pyridine	3.72	79	212392	36.871	ng		99
4) n-Nitrosodimethylamine	3.65	42	80361	45.724	ng	#	94
6) Aniline	7.18	93	322407	37.733	ng		99
8) 2-Chlorophenol	7.41	128	284578	45.098	ng		99
9) Benzaldehyde	6.99	77	145391	30.725	ng		99
10) Phenol	7.03	94	331975	44.502	ng		97
11) bis(2-Chloroethyl)ether	7.28	93	237617	40.176	ng		99
12) 1,3-Dichlorobenzene	7.73	146	284984	40.030	ng		99
13) 1,4-Dichlorobenzene	7.88	146	293548	40.345	ng		100
14) 1,2-Dichlorobenzene	8.20	146	283045	40.219	ng		99
15) Benzyl Alcohol	8.09	79	216870	42.085	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.38	45	303905	40.069	ng		99
17) 2-Methylphenol	8.28	107	230589	44.797	ng		99
18) Hexachloroethane	8.92	117	99120	41.857	ng		98
19) n-Nitroso-di-n-propylamine	8.65	70	181897	39.077	ng		98
20) 3+4-Methylphenols	8.61	107	311416	43.444	ng		100
22) Acetophenone	8.68	105	377171	44.345	ng	#	100
24) Nitrobenzene	9.06	77	270135	44.418	ng		99
25) Isophorone	9.58	82	505845	49.288	ng		99
26) 2-Nitrophenol	9.76	139	152524	44.112	ng		99
27) 2,4-Dimethylphenol	9.81	122	265727	53.768	ng		98
28) bis(2-Chloroethoxy)methane	10.06	93	331477	46.390	ng		99
29) 2,4-Dichlorophenol	10.29	162	276791	47.599	ng		99
30) 1,2,4-Trichlorobenzene	10.50	180	283437	42.765	ng		98
31) Naphthalene	10.70	128	845093	46.539	ng		100
32) Benzoic acid	9.95	122	168534	38.280	ng		98
33) 4-Chloroaniline	10.81	127	166138	20.505	ng		99
34) Hexachlorobutadiene	10.96	225	168029	42.338	ng		99
35) Caprolactam	11.60	113	80284	39.152	ng		96
36) 4-Chloro-3-methylphenol	11.92	107	269362	43.727	ng		100
37) 2-Methylnaphthalene	12.30	142	620925	47.878	ng		100
38) 1-Methylnaphthalene	12.53	142	589300	46.913	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.67	216	325570	43.188	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	454974	110.350	ng	100
43) 2,4,6-Trichlorophenol	12.91	196	219296	46.849	ng	99
44) 2,4,5-Trichlorophenol	12.98	196	233325	46.729	ng	99
46) 1,1'-Biphenyl	13.32	154	784588	42.241	ng	99
47) 2-Chloronaphthalene	13.36	162	605309	43.314	ng	100
48) 2-Nitroaniline	13.57	65	148644	42.689	ng	96
49) Acenaphthylene	14.21	152	981893	47.626	ng	99
50) Dimethylphthalate	13.94	163	745822	45.396	ng	99
51) 2,6-Dinitrotoluene	14.07	165	166301	43.366	ng	98
52) Acenaphthene	14.55	154	558260	44.648	ng	98
53) 3-Nitroaniline	14.40	138	107878	26.314	ng	99
54) 2,4-Dinitrophenol	14.60	184	177046	83.492	ng	99
55) Dibenzofuran	14.88	168	896583	43.529	ng	99
56) 4-Nitrophenol	14.70	139	261065	83.345	ng	96
57) 2,4-Dinitrotoluene	14.85	165	219656	42.377	ng	96
58) Fluorene	15.53	166	703467	46.221	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.10	232	209458	46.480	ng	100
60) Diethylphthalate	15.30	149	727219	41.835	ng	99
61) 4-Chlorophenyl-phenylether	15.52	204	375668	41.927	ng	100
62) 4-Nitroaniline	15.56	138	156725	38.094	ng	98
63) Azobenzene	15.82	77	598620	42.190	ng	100
65) 4,6-Dinitro-2-methylphenol	15.61	198	117839	42.443	ng	98
66) n-Nitrosodiphenylamine	15.74	169	611039	47.012	ng	99
67) 4-Bromophenyl-phenylether	16.42	248	236074	45.609	ng	99
68) Hexachlorobenzene	16.52	284	270348	44.877	ng	98
69) Atrazine	16.69	200	214238	44.065	ng	99
70) Pentachlorophenol	16.87	266	309795	77.157	ng	99
71) Phenanthrene	17.27	178	1006723	46.961	ng	99
72) Anthracene	17.36	178	1018851	48.623	ng	99
73) Carbazole	17.63	167	860303	41.834	ng	100
74) Di-n-butylphthalate	18.18	149	1125115	46.367	ng	100
75) Fluoranthene	19.28	202	1009345	43.677	ng	99
77) Benzidine	19.47	184	507760	46.292	ng	100
78) Pyrene	19.65	202	997832	46.607	ng	100
80) Butylbenzylphthalate	20.53	149	406688	44.323	ng	99
81) Benzo(a)anthracene	21.39	228	865136	47.951	ng	99
82) 3,3'-Dichlorobenzidine	21.32	252	244858	32.564	ng	99
83) Chrysene	21.44	228	811784	47.045	ng	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	570787	42.897	ng	99
85) Di-n-octyl phthalate	22.20	149	871718	44.111	ng	99
86) Indeno(1,2,3-cd)pyrene	26.07	276	1097584	60.253	ng	100
88) Benzo(b)fluoranthene	23.02	252	892927	47.757	ng	100
89) Benzo(k)fluoranthene	23.06	252	854516	45.927	ng	100
90) Benzo(a)pyrene	23.62	252	868451	50.130	ng	99
91) Dibenzo(a,h)anthracene	26.09	278	924186	52.388	ng	99
92) Benzo(g,h,i)perylene	26.80	276	912719	53.203	ng	100

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

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