Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110618\
Data File : BN003448.D
Acq On : 07 Nov 2018 00:59
Operator : MJ/SJ
Sample : PB114560BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB114560BS

Manual Integrations APPROVED
Sohil
11/7/2018 4:11:04 PM

Quant Time: Nov 07 10:52:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 07 08:25:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	102458	20.00	ng		0.00
21) Naphthalene-d8	10.65	136	441981	20.00	ng		0.00
39) Acenaphthene-d10	14.49	164	252838	20.00	ng		0.00
64) Phenanthrene-d10	17.23	188	516896	20.00	ng		0.00
76) Chrysene-d12	21.41	240	415737	20.00	ng		0.00
87) Perylene-d12	23.72	264	420111	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	585429	99.52	ng		0.00
7) Phenol-d6	7.01	99	781523	93.43	ng		0.00
23) Nitrobenzene-d5	9.02	82	432999	56.18	ng		0.00
42) 2,4,6-Tribromophenol	15.97	330	330631	97.11	ng		0.00
45) 2-Fluorobiphenyl	13.11	172	1199867	64.37	ng		0.00
79) Terphenyl-d14	19.85	244	1424087	73.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	60176	21.545	ng		94
3) Pyridine	3.73	79	177629	27.831	ng		92
4) n-Nitrosodimethylamine	3.65	42	71978	30.631	ng		90
6) Aniline	7.18	93	194365	18.608	ng		97
8) 2-Chlorophenol	7.41	128	251527	34.715	ng		95
9) Benzaldehyde	7.00	77	125833	25.903	ng		96
10) Phenol	7.03	94	296377	33.576	ng		96
11) bis(2-Chloroethyl)ether	7.28	93	209267	29.026	ng		92
12) 1,3-Dichlorobenzene	7.74	146	247537	30.729	ng		97
13) 1,4-Dichlorobenzene	7.89	146	254788	30.717	ng		98
14) 1,2-Dichlorobenzene	8.20	146	245565	30.504	ng		99
15) Benzyl Alcohol	8.09	79	191743	31.810	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.38	45	274213	25.941	ng		97
17) 2-Methylphenol	8.29	107	209051	34.653	ng		97
18) Hexachloroethane	8.92	117	85943	29.576	ng		96
19) n-Nitroso-di-n-propylamine	8.66	70	161949	26.849	ng		95
20) 3+4-Methylphenols	8.61	107	282687	32.988	ng		98
22) Acetophenone	8.68	105	338072	31.556	ng	#	97
24) Nitrobenzene	9.06	77	236232	30.038	ng		94
25) Isophorone	9.58	82	456114	33.739	ng		97
26) 2-Nitrophenol	9.76	139	132327	31.969	ng		95
27) 2,4-Dimethylphenol	9.82	122	240786	41.372	ng		98
28) bis(2-Chloroethoxy)methane	10.06	93	299283	32.862	ng		98
29) 2,4-Dichlorophenol	10.29	162	247667	37.290	ng		98
30) 1,2,4-Trichlorobenzene	10.51	180	245128	32.466	ng		99
31) Naphthalene	10.70	128	747944	34.630	ng		99
32) Benzoic acid	9.92	122	98893	22.797	ng		93
33) 4-Chloroaniline	10.81	127	81911	8.583	ng		96
34) Hexachlorobutadiene	10.96	225	144912	32.162	ng		99
35) Caprolactam	11.59	113	73133m	28.122	ng		
36) 4-Chloro-3-methylphenol	11.92	107	245308	33.117	ng		94
37) 2-Methylnaphthalene	12.31	142	563396	36.502	ng		99
38) 1-Methylnaphthalene	12.53	142	529690	35.137	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.67	216	291425	34.842	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	362759	97.786	ng		99
43) 2,4,6-Trichlorophenol	12.92	196	196902	37.260	ng		100
44) 2,4,5-Trichlorophenol	12.98	196	212574	38.564	ng		97
46) 1,1'-Biphenyl	13.32	154	712928	32.127	ng		99
47) 2-Chloronaphthalene	13.36	162	550428	33.627	ng		99
48) 2-Nitroaniline	13.57	65	136940	28.473	ng		87
49) Acenaphthylene	14.21	152	894537	35.704	ng		100
50) Dimethylphthalate	13.95	163	685657	33.539	ng		99
51) 2,6-Dinitrotoluene	14.07	165	151128	32.571	ng		96
52) Acenaphthene	14.55	154	513646	33.836	ng		98
53) 3-Nitroaniline	14.40	138	82478	16.628	ng		93
54) 2,4-Dinitrophenol	14.60	184	59324	26.890	ng		90
55) Dibenzofuran	14.89	168	823959	33.363	ng		99
56) 4-Nitrophenol	14.70	139	329025	91.214	ng		93
57) 2,4-Dinitrotoluene	14.86	165	200857	31.926	ng	#	76
58) Fluorene	15.53	166	647082	33.954	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.10	232	185071	38.235	ng		97
60) Diethylphthalate	15.30	149	663951	32.005	ng		100
61) 4-Chlorophenyl-phenylether	15.53	204	338827	32.001	ng		99
62) 4-Nitroaniline	15.56	138	145936	30.116	ng		97
63) Azobenzene	15.82	77	572348	29.852	ng		93
65) 4,6-Dinitro-2-methylphenol	15.61	198	59842	16.592	ng		95
66) n-Nitrosodiphenylamine	15.75	169	569915	35.220	ng		99
67) 4-Bromophenyl-phenylether	16.42	248	218045	37.455	ng		96
68) Hexachlorobenzene	16.53	284	242685	36.593	ng		96
69) Atrazine	16.69	200	199676	34.819	ng		97
70) Pentachlorophenol	16.87	266	237958	71.764	ng		100
71) Phenanthrene	17.27	178	953982	35.106	ng		99
72) Anthracene	17.36	178	965084	35.590	ng		98
73) Carbazole	17.63	167	845072	30.094	ng		99
74) Di-n-butylphthalate	18.19	149	1035315	31.606	ng		100
75) Fluoranthene	19.29	202	979083	30.582	ng		99
77) Benzidine	19.47	184	277626	22.811	ng		100
78) Pyrene	19.65	202	966338	39.549	ng		99
80) Butylbenzylphthalate	20.54	149	400524	35.302	ng		94
81) Benzo(a)anthracene	21.39	228	849157	35.074	ng		98
82) 3,3'-Dichlorobenzidine	21.33	252	167733	16.741	ng		98
83) Chrysene	21.45	228	784199	33.695	ng		99
84) Bis(2-ethylhexyl)phthalate	21.30	149	573046	34.058	ng		100
85) Di-n-octyl phthalate	22.20	149	893435	30.944	ng		98
86) Indeno(1,2,3-cd)pyrene	26.09	276	1021553	38.299	ng		99
88) Benzo(b)fluoranthene	23.02	252	852490	36.854	ng		99
89) Benzo(k)fluoranthene	23.07	252	816095	35.973	ng		99
90) Benzo(a)pyrene	23.62	252	812345	36.849	ng		99
91) Dibenzo(a,h)anthracene	26.10	278	854623	39.167	ng		98
92) Benzo(g,h,i)perylene	26.82	276	847013	40.435	ng		99

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

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