Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110718\
Data File : BN003466.D
Acq On : 07 Nov 2018 23:36
Operator : MJ/SJ
Sample : PB114576BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB114576BS

Manual Integrations APPROVED
Sohil
11/9/2018 1:42:26 PM

Quant Time: Nov 08 16:06:40 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	112092	20.00	ng		0.00
21) Naphthalene-d8	10.65	136	487690	20.00	ng		0.00
39) Acenaphthene-d10	14.49	164	280608	20.00	ng		0.00
64) Phenanthrene-d10	17.23	188	552073	20.00	ng		0.00
76) Chrysene-d12	21.41	240	417260	20.00	ng		0.00
87) Perylene-d12	23.72	264	453299	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	429891	66.80	ng		0.00
7) Phenol-d6	7.00	99	564736	61.71	ng		0.00
23) Nitrobenzene-d5	9.02	82	464200	54.59	ng		0.00
42) 2,4,6-Tribromophenol	15.97	330	233008	61.67	ng		0.00
45) 2-Fluorobiphenyl	13.11	172	1296815	62.69	ng		0.00
79) Terphenyl-d14	19.85	244	1205885	61.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	61528	20.136	ng		93
3) Pyridine	3.73	79	176619	25.294	ng		90
4) n-Nitrosodimethylamine	3.65	42	69347	26.975	ng	#	89
6) Aniline	7.18	93	167394	14.649	ng		97
8) 2-Chlorophenol	7.41	128	239195	30.176	ng		95
9) Benzaldehyde	7.00	77	119732	22.528	ng		96
10) Phenol	7.03	94	283836	29.392	ng		95
11) bis(2-Chloroethyl)ether	7.28	93	200874	25.467	ng		95
12) 1,3-Dichlorobenzene	7.73	146	239824	27.212	ng		97
13) 1,4-Dichlorobenzene	7.89	146	245344	27.036	ng		98
14) 1,2-Dichlorobenzene	8.20	146	236843	26.892	ng		98
15) Benzyl Alcohol	8.09	79	183618	27.844	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.38	45	260661	22.540	ng		97
17) 2-Methylphenol	8.28	107	197535	29.930	ng		98
18) Hexachloroethane	8.92	117	82084	25.820	ng		96
19) n-Nitroso-di-n-propylamine	8.65	70	153046	23.193	ng		97
20) 3+4-Methylphenols	8.61	107	266461	28.422	ng		98
22) Acetophenone	8.68	105	321273	27.177	ng	#	97
24) Nitrobenzene	9.06	77	224515	25.873	ng		93
25) Isophorone	9.58	82	430662	28.871	ng		96
26) 2-Nitrophenol	9.76	139	124073	27.165	ng		95
27) 2,4-Dimethylphenol	9.81	122	227465	35.420	ng		98
28) bis(2-Chloroethoxy)methane	10.06	93	282868	28.148	ng		99
29) 2,4-Dichlorophenol	10.29	162	233944	31.923	ng		98
30) 1,2,4-Trichlorobenzene	10.50	180	232591	27.918	ng		99
31) Naphthalene	10.70	128	707278	29.678	ng		100
32) Benzoic acid	9.93	122	133188	26.721	ng		92
33) 4-Chloroaniline	10.81	127	62917	5.975	ng		96
34) Hexachlorobutadiene	10.96	225	137962	27.750	ng		98
35) Caprolactam	11.59	113	67663m	23.580	ng		
36) 4-Chloro-3-methylphenol	11.92	107	230463	28.196	ng		95
37) 2-Methylnaphthalene	12.30	142	532233	31.251	ng		100
38) 1-Methylnaphthalene	12.53	142	500929	30.115	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.67	216	272760	29.383	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	346810	85.472	ng		99
43) 2,4,6-Trichlorophenol	12.91	196	185555	31.637	ng		98
44) 2,4,5-Trichlorophenol	12.98	196	198616	32.466	ng		99
46) 1,1'-Biphenyl	13.32	154	672658	27.312	ng		99
47) 2-Chloronaphthalene	13.36	162	516373	28.425	ng		99
48) 2-Nitroaniline	13.57	65	126384	23.678	ng		88
49) Acenaphthylene	14.21	152	836610	30.087	ng		99
50) Dimethylphthalate	13.95	163	642031	28.297	ng		100
51) 2,6-Dinitrotoluene	14.07	165	140756	27.333	ng		95
52) Acenaphthene	14.55	154	480982	28.549	ng		98
53) 3-Nitroaniline	14.40	138	63553	11.545	ng		96
54) 2,4-Dinitrophenol	14.60	184	104186	38.787	ng		91
55) Dibenzofuran	14.89	168	771061	28.131	ng		99
56) 4-Nitrophenol	14.70	139	302967	76.602	ng		94
57) 2,4-Dinitrotoluene	14.86	165	185459	26.561	ng	#	75
58) Fluorene	15.53	166	603629	28.539	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.10	232	174053	32.400	ng		96
60) Diethylphthalate	15.30	149	619092	26.889	ng		100
61) 4-Chlorophenyl-phenylether	15.53	204	319921	27.225	ng		98
62) 4-Nitroaniline	15.56	138	129213	24.026	ng		98
63) Azobenzene	15.82	77	533935	25.093	ng		94
65) 4,6-Dinitro-2-methylphenol	15.61	198	85100	22.092	ng		96
66) n-Nitrosodiphenylamine	15.75	169	529172	30.619	ng		100
67) 4-Bromophenyl-phenylether	16.42	248	201773	32.452	ng		95
68) Hexachlorobenzene	16.53	284	224977	31.762	ng		95
69) Atrazine	16.69	200	183209	29.912	ng		97
70) Pentachlorophenol	16.87	266	239210	67.929	ng		98
71) Phenanthrene	17.27	178	871795	30.037	ng		99
72) Anthracene	17.36	178	881123	30.424	ng		99
73) Carbazole	17.63	167	744606	24.827	ng		100
74) Di-n-butylphthalate	18.18	149	941119	26.900	ng		99
75) Fluoranthene	19.29	202	838993	24.537	ng		99
77) Benzidine	19.47	184	263193	21.546	ng		100
78) Pyrene	19.65	202	825336	33.655	ng		99
80) Butylbenzylphthalate	20.54	149	335781	29.488	ng		93
81) Benzo(a)anthracene	21.39	228	722916	29.750	ng		98
82) 3,3'-Dichlorobenzidine	21.33	252	144791	14.399	ng		97
83) Chrysene	21.45	228	683070	29.242	ng		99
84) Bis(2-ethylhexyl)phthalate	21.30	149	469277	27.789	ng		98
85) Di-n-octyl phthalate	22.20	149	708349	24.444	ng		98
86) Indeno(1,2,3-cd)pyrene	26.09	276	939373	35.090	ng		99
88) Benzo(b)fluoranthene	23.02	252	762787	30.562	ng		100
89) Benzo(k)fluoranthene	23.07	252	725796	29.650	ng		99
90) Benzo(a)pyrene	23.62	252	733416	30.833	ng		99
91) Dibenzo(a,h)anthracene	26.10	278	789895	33.550	ng		98
92) Benzo(g,h,i)perylene	26.81	276	782200	34.607	ng		99

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

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