Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111218\
Data File : BN003502.D
Acq On : 12 Nov 2018 11:23
Operator : MJ/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC025

Quant Time: Nov 12 15:44:40 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 15:37:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	109381	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	502335	20.00	ng	0.00
39) Acenaphthene-d10	14.48	164	296949	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	634351	20.00	ng	0.00
76) Chrysene-d12	21.40	240	504453	20.00	ng	0.00
87) Perylene-d12	23.72	264	474144	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	306427	50.53	ng	0.00
7) Phenol-d6	7.00	99	428710	50.97	ng	0.00
23) Nitrobenzene-d5	9.02	82	409814	51.35	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	221729	50.09	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1135239	51.03	ng	0.00
79) Terphenyl-d14	19.84	244	1341166	52.34	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	58056	24.767	ng	100
3) Pyridine	3.72	79	175195	25.000	ng	99
4) n-Nitrosodimethylamine	3.65	42	52867	25.686	ng	97
6) Aniline	7.18	93	265248	25.518	ng	100
8) 2-Chlorophenol	7.40	128	193775	25.243	ng	98
9) Benzaldehyde	6.99	77	147854	25.684	ng	100
10) Phenol	7.03	94	228950	25.229	ng	99
11) bis(2-Chloroethyl)ether	7.28	93	183209	25.463	ng	98
12) 1,3-Dichlorobenzene	7.73	146	217015	25.057	ng	99
13) 1,4-Dichlorobenzene	7.88	146	223417	25.241	ng	100
14) 1,2-Dichlorobenzene	8.20	146	216144	25.247	ng	100
15) Benzyl Alcohol	8.09	79	155795	25.672	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.37	45	235696	25.627	ng	99
17) 2-Methylphenol	8.28	107	161193	25.742	ng	97
18) Hexachloroethane	8.92	117	72615	25.207	ng	98
19) n-Nitroso-di-n-propylamine	8.65	70	144230	25.979	ng	99
20) 3+4-Methylphenols	8.60	107	223100	25.584	ng	99
22) Acetophenone	8.67	105	293546	25.630	ng	99
24) Nitrobenzene	9.06	77	207516	25.339	ng	99
25) Isophorone	9.57	82	347116	25.901	ng	99
26) 2-Nitrophenol	9.76	139	114142	24.515	ng	100
27) 2,4-Dimethylphenol	9.81	122	170283	25.588	ng	98
28) bis(2-Chloroethoxy)methane	10.05	93	246235	25.591	ng	98
29) 2,4-Dichlorophenol	10.29	162	200412	25.594	ng	100
30) 1,2,4-Trichlorobenzene	10.50	180	225203	25.234	ng	98
31) Naphthalene	10.69	128	619817	25.348	ng	100
32) Benzoic acid	9.93	122	128551	22.695	ng	97
33) 4-Chloroaniline	10.80	127	278722	25.547	ng	100
34) Hexachlorobutadiene	10.96	225	135540	25.362	ng	99
35) Caprolactam	11.59	113	67208	24.340	ng	97
36) 4-Chloro-3-methylphenol	11.92	107	206929	25.637	ng	100
37) 2-Methylnaphthalene	12.30	142	445848	25.530	ng	100
38) 1-Methylnaphthalene	12.52	142	428927	25.358	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.67	216	268986	25.200	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	119515	23.594	ng	98
43) 2,4,6-Trichlorophenol	12.91	196	169386	25.556	ng	98
44) 2,4,5-Trichlorophenol	12.97	196	180271	25.498	ng	98
46) 1,1'-Biphenyl	13.32	154	668035	25.400	ng	100
47) 2-Chloronaphthalene	13.36	162	500698	25.303	ng	99
48) 2-Nitroaniline	13.57	65	121250	24.592	ng	96
49) Acenaphthylene	14.21	152	747409	25.603	ng	99
50) Dimethylphthalate	13.94	163	592323	25.462	ng	100
51) 2,6-Dinitrotoluene	14.07	165	133963	25.557	ng	98
52) Acenaphthene	14.55	154	446404	25.214	ng	98
53) 3-Nitroaniline	14.40	138	142399	24.530	ng	99
54) 2,4-Dinitrophenol	14.60	184	52611	21.509	ng	96
55) Dibenzofuran	14.88	168	738185	25.311	ng	100
56) 4-Nitrophenol	14.69	139	105214	23.722	ng	99
57) 2,4-Dinitrotoluene	14.85	165	179212	24.418	ng	97
58) Fluorene	15.53	166	547900	25.424	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.10	232	161943	25.379	ng	100
60) Diethylphthalate	15.30	149	618555	25.131	ng	100
61) 4-Chlorophenyl-phenylether	15.52	204	322026	25.382	ng	99
62) 4-Nitroaniline	15.56	138	141355	24.265	ng	98
63) Azobenzene	15.82	77	507394	25.689	ng	100
65) 4,6-Dinitro-2-methylphenol	15.61	198	94919	23.507	ng	96
66) n-Nitrosodiphenylamine	15.74	169	522699	26.015	ng	100
67) 4-Bromophenyl-phenylether	16.42	248	206294	25.782	ng	98
68) Hexachlorobenzene	16.52	284	235284	25.265	ng	98
69) Atrazine	16.69	200	191056	26.382	ng	99
70) Pentachlorophenol	16.87	266	149063	24.016	ng	99
71) Phenanthrene	17.27	178	842153	25.413	ng	100
72) Anthracene	17.36	178	835394	25.790	ng	100
73) Carbazole	17.63	167	810354	25.491	ng	99
74) Di-n-butylphthalate	18.18	149	945962	26.323	ng	100
75) Fluoranthene	19.28	202	870998	24.915	ng	99
77) Benzidine	19.47	184	435400	24.958	ng	99
78) Pyrene	19.65	202	885972	26.019	ng	100
80) Butylbenzylphthalate	20.53	149	362911	24.868	ng	99
81) Benzo(a)anthracene	21.39	228	737058	25.685	ng	99
82) 3,3'-Dichlorobenzidine	21.32	252	297974	24.916	ng	99
83) Chrysene	21.44	228	695083	25.327	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	522191	24.675	ng	99
85) Di-n-octyl phthalate	22.20	149	744199	23.677	ng	100
86) Indeno(1,2,3-cd)pyrene	26.07	276	761964	26.300	ng	100
88) Benzo(b)fluoranthene	23.02	252	680257	25.769	ng	99
89) Benzo(k)fluoranthene	23.06	252	661818	25.194	ng	99
90) Benzo(a)pyrene	23.62	252	623524	25.493	ng	100
91) Dibenzo(a,h)anthracene	26.08	278	648328	26.030	ng	100
92) Benzo(g,h,i)perylene	26.80	276	627027	25.888	ng	100

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

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