Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111218\
Data File : BN003506.D
Acq On : 12 Nov 2018 13:43
Operator : MJ/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC080

Quant Time: Nov 12 15:47:18 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	102049	20.00	ng		0.00
21) Naphthalene-d8	10.65	136	460235	20.00	ng		0.00
39) Acenaphthene-d10	14.49	164	266619	20.00	ng		0.00
64) Phenanthrene-d10	17.23	188	586010	20.00	ng		0.00
76) Chrysene-d12	21.41	240	488453	20.00	ng		0.00
87) Perylene-d12	23.72	264	444693	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	917341	162.13	ng		0.00
7) Phenol-d6	7.01	99	1249193	159.19	ng		0.00
23) Nitrobenzene-d5	9.03	82	1196763	163.68	ng		0.01
42) 2,4,6-Tribromophenol	15.98	330	694800	174.81	ng		0.00
45) 2-Fluorobiphenyl	13.11	172	3054001	152.89	ng		0.00
79) Terphenyl-d14	19.85	244	3851712	155.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	172244	78.758	ng		100
3) Pyridine	3.72	79	528417	80.823	ng		99
4) n-Nitrosodimethylamine	3.65	42	164612	85.724	ng		99
6) Aniline	7.19	93	780982	80.533	ng		99
8) 2-Chlorophenol	7.41	128	580268	81.022	ng		99
9) Benzaldehyde	7.00	77	418172	77.861	ng		100
10) Phenol	7.04	94	678340	80.119	ng		99
11) bis(2-Chloroethyl)ether	7.28	93	537333	80.046	ng		100
12) 1,3-Dichlorobenzene	7.73	146	647026	80.075	ng		99
13) 1,4-Dichlorobenzene	7.88	146	661453	80.098	ng		100
14) 1,2-Dichlorobenzene	8.20	146	634777	79.472	ng		99
15) Benzyl Alcohol	8.09	79	476428	84.147	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.38	45	671542	78.263	ng		98
17) 2-Methylphenol	8.28	107	471877	80.770	ng		100
18) Hexachloroethane	8.92	117	225781	84.006	ng		99
19) n-Nitroso-di-n-propylamine	8.67	70	416903	80.490	ng		100
20) 3+4-Methylphenols	8.62	107	657611	80.830	ng		99
22) Acetophenone	8.68	105	840372	80.087	ng	#	99
24) Nitrobenzene	9.07	77	610094	81.312	ng		97
25) Isophorone	9.59	82	1036024	84.378	ng		100
26) 2-Nitrophenol	9.76	139	361075	84.644	ng		99
27) 2,4-Dimethylphenol	9.82	122	495091	81.200	ng		100
28) bis(2-Chloroethoxy)methane	10.06	93	705984	80.084	ng		100
29) 2,4-Dichlorophenol	10.29	162	590437	82.301	ng		100
30) 1,2,4-Trichlorobenzene	10.50	180	656849	80.331	ng		100
31) Naphthalene	10.70	128	1762093	78.655	ng		99
32) Benzoic acid	10.02	122	473049	91.153	ng		98
33) 4-Chloroaniline	10.81	127	802029	80.237	ng		99
34) Hexachlorobutadiene	10.96	225	403700	82.450	ng		99
35) Caprolactam	11.65	113	212367	83.946	ng		100
36) 4-Chloro-3-methylphenol	11.93	107	606952	82.075	ng		99
37) 2-Methylnaphthalene	12.30	142	1250899	78.181	ng		98
38) 1-Methylnaphthalene	12.53	142	1215027	78.402	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.67	216	769945	80.337	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	415338	91.321	ng		100
43) 2,4,6-Trichlorophenol	12.92	196	507502	85.281	ng		99
44) 2,4,5-Trichlorophenol	12.99	196	534080	84.134	ng		100
46) 1,1'-Biphenyl	13.32	154	1832187	77.589	ng		99
47) 2-Chloronaphthalene	13.37	162	1403938	79.020	ng		99
48) 2-Nitroaniline	13.58	65	366298	82.745	ng		99
49) Acenaphthylene	14.22	152	2074987	79.166	ng		99
50) Dimethylphthalate	13.95	163	1688308	80.831	ng		99
51) 2,6-Dinitrotoluene	14.07	165	400058	85.004	ng		100
52) Acenaphthene	14.56	154	1241234	78.083	ng		99
53) 3-Nitroaniline	14.41	138	424966	81.535	ng		99
54) 2,4-Dinitrophenol	14.61	184	216470	98.569	ng		99
55) Dibenzofuran	14.89	168	2044429	78.074	ng		100
56) 4-Nitrophenol	14.70	139	339352	85.216	ng		99
57) 2,4-Dinitrotoluene	14.86	165	542996	82.400	ng		98
58) Fluorene	15.53	166	1515817	78.340	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.10	232	486690	84.949	ng		100
60) Diethylphthalate	15.30	149	1704151	77.113	ng		99
61) 4-Chlorophenyl-phenylether	15.53	204	898788	78.901	ng		98
62) 4-Nitroaniline	15.58	138	428346	81.895	ng		99
63) Azobenzene	15.82	77	1409024	79.454	ng		98
65) 4,6-Dinitro-2-methylphenol	15.62	198	337859	90.575	ng		96
66) n-Nitrosodiphenylamine	15.75	169	1463028	78.822	ng		100
67) 4-Bromophenyl-phenylether	16.42	248	606092	81.998	ng		96
68) Hexachlorobenzene	16.53	284	699114	81.265	ng		97
69) Atrazine	16.70	200	558118	83.425	ng		99
70) Pentachlorophenol	16.87	266	497297	86.731	ng		100
71) Phenanthrene	17.27	178	2382851	77.836	ng		99
72) Anthracene	17.36	178	2382783	79.629	ng		99
73) Carbazole	17.64	167	2346850	79.913	ng		100
74) Di-n-butylphthalate	18.18	149	2810374	84.655	ng		99
75) Fluoranthene	19.29	202	2614679	80.962	ng		99
77) Benzidine	19.47	184	1419745	84.047	ng		97
78) Pyrene	19.65	202	2624359	79.595	ng		99
80) Butylbenzylphthalate	20.54	149	1209236	85.575	ng		96
81) Benzo(a)anthracene	21.39	228	2213275	79.656	ng		99
82) 3,3'-Dichlorobenzidine	21.33	252	937858	80.990	ng		100
83) Chrysene	21.45	228	2092072	78.726	ng		98
84) Bis(2-ethylhexyl)phthalate	21.30	149	1723096	84.087	ng	#	98
85) Di-n-octyl phthalate	22.20	149	2595883	85.294	ng		99
86) Indeno(1,2,3-cd)pyrene	26.09	276	2303273	82.103	ng		100
88) Benzo(b)fluoranthene	23.02	252	2011596	81.249	ng		99
89) Benzo(k)fluoranthene	23.07	252	1977977	80.285	ng		99
90) Benzo(a)pyrene	23.62	252	1890384	82.407	ng		99
91) Dibenzo(a,h)anthracene	26.10	278	1925113	82.411	ng		99
92) Benzo(g,h,i)perylene	26.82	276	1880300	82.773	ng		99

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

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