Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021519\
Data File : BM018818.D
Acq On : 15 Feb 2019 15:54
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Feb 15 22:20:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	229022	20.00	ng		-0.01
21) Naphthalene-d8	10.50	136	982502	20.00	ng		0.00
39) Acenaphthene-d10	14.36	164	583608	20.00	ng		0.00
64) Phenanthrene-d10	17.11	188	1376589	20.00	ng		0.00
76) Chrysene-d12	21.30	240	1614402	20.00	ng		0.00
87) Perylene-d12	23.56	264	1686056	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1138547	81.45	ng		0.00
7) Phenol-d6	6.88	99	1645822	83.58	ng		0.00
23) Nitrobenzene-d5	8.87	82	1736413	81.72	ng		-0.01
42) 2,4,6-Tribromophenol	15.86	330	702779	83.54	ng		0.00
45) 2-Fluorobiphenyl	12.97	172	3451090	78.50	ng		0.00
79) Terphenyl-d14	19.74	244	6405136	81.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	237031	38.934	ng		97
3) Pyridine	3.65	79	727294	43.797	ng		99
4) n-Nitrosodimethylamine	3.58	42	183546	43.447	ng		96
6) Aniline	7.05	93	1006442	41.715	ng		99
8) 2-Chlorophenol	7.27	128	633611	41.287	ng		99
9) Benzaldehyde	6.87	77	456057	43.316	ng		98
10) Phenol	6.91	94	865691	41.782	ng		99
11) bis(2-Chloroethyl)ether	7.15	93	647465	40.966	ng		100
12) 1,3-Dichlorobenzene	7.59	146	691805	40.090	ng		98
13) 1,4-Dichlorobenzene	7.75	146	701583	39.936	ng		100
14) 1,2-Dichlorobenzene	8.06	146	681237	40.370	ng		98
15) Benzyl Alcohol	7.96	79	661228	42.261	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.23	45	644129	42.108	ng		97
17) 2-Methylphenol	8.15	107	548707	41.610	ng		98
18) Hexachloroethane	8.77	117	255735	39.878	ng		96
19) n-Nitroso-di-n-propylamine	8.52	70	646020	42.372	ng		99
20) 3+4-Methylphenols	8.48	107	769419	42.254	ng		99
22) Acetophenone	8.54	105	1094106	40.551	ng	#	99
24) Nitrobenzene	8.92	77	898576	40.741	ng		99
25) Isophorone	9.43	82	1391577	41.044	ng		99
26) 2-Nitrophenol	9.62	139	361448	41.151	ng		99
27) 2,4-Dimethylphenol	9.67	122	525163	40.936	ng		98
28) bis(2-Chloroethoxy)methane	9.92	93	886802	40.448	ng		99
29) 2,4-Dichlorophenol	10.15	162	606462	41.170	ng		99
30) 1,2,4-Trichlorobenzene	10.36	180	663183	38.984	ng		99
31) Naphthalene	10.55	128	1917099	40.008	ng		99
32) Benzoic acid	9.83	122	423806	37.871	ng		96
33) 4-Chloroaniline	10.67	127	893273	41.703	ng		99
34) Hexachlorobutadiene	10.81	225	374400	37.917	ng		100
35) Caprolactam	11.49	113	253251	42.126	ng		93
36) 4-Chloro-3-methylphenol	11.79	107	749956	42.227	ng		99
37) 2-Methylnaphthalene	12.16	142	1355392	40.175	ng		98
38) 1-Methylnaphthalene	12.39	142	1323506	40.118	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	715898	38.347	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	327734	34.336	ng	98
43) 2,4,6-Trichlorophenol	12.78	196	497384	40.245	ng	98
44) 2,4,5-Trichlorophenol	12.85	196	525624	40.577	ng	96
46) 1,1'-Biphenyl	13.19	154	1983607	39.486	ng	99
47) 2-Chloronaphthalene	13.23	162	1544345	39.801	ng	99
48) 2-Nitroaniline	13.45	65	565694	43.897	ng	96
49) Acenaphthylene	14.08	152	2367935	40.985	ng	99
50) Dimethylphthalate	13.82	163	1969013	40.483	ng	99
51) 2,6-Dinitrotoluene	13.95	165	438438	41.613	ng	97
52) Acenaphthene	14.42	154	1408940	39.770	ng	100
53) 3-Nitroaniline	14.29	138	497065	41.754	ng	98
54) 2,4-Dinitrophenol	14.49	184	252425	40.800	ng	98
55) Dibenzofuran	14.76	168	2351849	40.389	ng	99
56) 4-Nitrophenol	14.59	139	373644	39.318	ng	99
57) 2,4-Dinitrotoluene	14.74	165	625416	43.083	ng	99
58) Fluorene	15.41	166	1802790	40.469	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.99	232	464451	40.563	ng	98
60) Diethylphthalate	15.19	149	2054323	40.946	ng	100
61) 4-Chlorophenyl-phenylether	15.40	204	992631	39.742	ng	99
62) 4-Nitroaniline	15.46	138	491641	42.126	ng	99
63) Azobenzene	15.70	77	2278147	42.349	ng	100
65) 4,6-Dinitro-2-methylphenol	15.50	198	355772	36.810	ng	98
66) n-Nitrosodiphenylamine	15.63	169	1750192	40.242	ng	100
67) 4-Bromophenyl-phenylether	16.30	248	592012	38.421	ng	98
68) Hexachlorobenzene	16.40	284	689608	38.504	ng	100
69) Atrazine	16.58	200	549292	39.176	ng	97
70) Pentachlorophenol	16.76	266	477982	41.449	ng	99
71) Phenanthrene	17.15	178	2973501	40.193	ng	100
72) Anthracene	17.24	178	2923336	40.598	ng	99
73) Carbazole	17.52	167	3136087	41.687	ng	100
74) Di-n-butylphthalate	18.07	149	3626682	41.917	ng	100
75) Fluoranthene	19.17	202	3514969	41.132	ng	99
77) Benzidine	19.37	184	1522726	41.881	ng	100
78) Pyrene	19.54	202	3709603	39.564	ng	100
80) Butylbenzylphthalate	20.44	149	1778837	41.628	ng	98
81) Benzo(a)anthracene	21.29	228	3761019	39.966	ng	100
82) 3,3'-Dichlorobenzidine	21.23	252	1488705	40.027	ng	100
83) Chrysene	21.34	228	3608422	40.005	ng	99
84) Bis(2-ethylhexyl)phthalate	21.21	149	2615895	41.826	ng	99
85) Di-n-octyl phthalate	22.09	149	4500331	42.813	ng	99
86) Indeno(1,2,3-cd)pyrene	25.86	276	4291237	41.207	ng	99
88) Benzo(b)fluoranthene	22.88	252	3900221	40.431	ng	99
89) Benzo(k)fluoranthene	22.93	252	3855279	40.143	ng	100
90) Benzo(a)pyrene	23.46	252	3684835	40.323	ng	99
91) Dibenzo(a,h)anthracene	25.87	278	3668117	40.515	ng	99
92) Benzo(g,h,i)perylene	26.56	276	3408476	40.438	ng	99

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

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