Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021119\
Data File : BM018757.D
Acq On : 11 Feb 2019 14:33
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
2/12/2019 12:11:42 PM

Quant Time: Feb 11 15:15:22 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 14:13:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	332543	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	1354063	20.00	ng		0.00
39) Acenaphthene-d10	14.37	164	793430	20.00	ng		0.00
64) Phenanthrene-d10	17.12	188	1806936	20.00	ng		0.00
76) Chrysene-d12	21.32	240	1993029	20.00	ng		0.00
87) Perylene-d12	23.57	264	1890099	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	2410178	133.83	ng		0.00
7) Phenol-d6	6.89	99	3471618	151.77	ng		0.00
23) Nitrobenzene-d5	8.89	82	3630600	155.44	ng		0.00
42) 2,4,6-Tribromophenol	15.87	330	1488968	147.38	ng		0.00
45) 2-Fluorobiphenyl	12.99	172	7179183	118.07	ng		0.00
79) Terphenyl-d14	19.75	244	11588309	122.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	506025	68.939	ng		99
3) Pyridine	3.65	79	1448753	79.166	ng		98
4) n-Nitrosodimethylamine	3.57	42	395307	52.238	ng		95
6) Aniline	7.06	93	2114957	82.888	ng		100
8) 2-Chlorophenol	7.28	128	1329489	63.208	ng		98
9) Benzaldehyde	6.87	77	817266	63.864	ng		98
10) Phenol	6.92	94	1811399	77.930	ng		99
11) bis(2-Chloroethyl)ether	7.16	93	1395567	76.411	ng		98
12) 1,3-Dichlorobenzene	7.60	146	1470046	58.687	ng		99
13) 1,4-Dichlorobenzene	7.75	146	1496531	58.945	ng		100
14) 1,2-Dichlorobenzene	8.06	146	1431470	59.462	ng		99
15) Benzyl Alcohol	7.97	79	1422673	86.112	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.25	45	1292606	55.381	ng		99
17) 2-Methylphenol	8.16	107	1149358	72.846	ng		99
18) Hexachloroethane	8.78	117	557018	61.533	ng		99
19) n-Nitroso-di-n-propylamine	8.53	70	1358262	91.245	ng		99
20) 3+4-Methylphenols	8.49	107	1619187	74.340	ng		100
22) Acetophenone	8.55	105	2275735	67.940	ng	#	100
24) Nitrobenzene	8.93	77	1845432	80.298	ng		99
25) Isophorone	9.45	82	2956939	83.600	ng		99
26) 2-Nitrophenol	9.63	139	798026	71.812	ng		98
27) 2,4-Dimethylphenol	9.69	122	1095956	65.797	ng		98
28) bis(2-Chloroethoxy)methane	9.93	93	1853708	75.865	ng		99
29) 2,4-Dichlorophenol	10.16	162	1286961	64.886	ng		99
30) 1,2,4-Trichlorobenzene	10.36	180	1422898	57.798	ng		96
31) Naphthalene	10.56	128	3962911	60.770	ng		99
32) Benzoic acid	9.87	122	1030418m	101.514	ng		
33) 4-Chloroaniline	10.68	127	1854033	72.191	ng		99
34) Hexachlorobutadiene	10.82	225	829980	53.365	ng		100
35) Caprolactam	11.52	113	489514	72.591	ng		97
36) 4-Chloro-3-methylphenol	11.80	107	1535633	73.798	ng		100
37) 2-Methylnaphthalene	12.17	142	2845469	61.758	ng		99
38) 1-Methylnaphthalene	12.39	142	2738659	61.431	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1556974	56.115	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	849226	55.768 ng	98
43) 2,4,6-Trichlorophenol	12.79	196	1071040	63.567 ng	100
44) 2,4,5-Trichlorophenol	12.86	196	1136538	64.138 ng	98
46) 1,1'-Biphenyl	13.20	154	4121865	59.497 ng	99
47) 2-Chloronaphthalene	13.24	162	3178852	59.172 ng	99
48) 2-Nitroaniline	13.46	65	1145624	86.678 ng	98
49) Acenaphthylene	14.09	152	4804927	61.373 ng	100
50) Dimethylphthalate	13.84	163	4027537	61.808 ng	99
51) 2,6-Dinitrotoluene	13.96	165	909112	65.864 ng	97
52) Acenaphthene	14.43	154	2904246	60.628 ng	99
53) 3-Nitroaniline	14.30	138	1001946	72.002 ng	98
54) 2,4-Dinitrophenol	14.50	184	531679	84.633 ng	99
55) Dibenzofuran	14.77	168	4748348	59.992 ng	99
56) 4-Nitrophenol	14.60	139	820300	68.235 ng	99
57) 2,4-Dinitrotoluene	14.75	165	1276025	65.338 ng	100
58) Fluorene	15.42	166	3704254	62.826 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.99	232	967747	61.613 ng	99
60) Diethylphthalate	15.20	149	4183580	63.597 ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	2084269	61.334 ng	95
62) 4-Nitroaniline	15.47	138	988867	65.150 ng	98
63) Azobenzene	15.71	77	4520583	84.287 ng	98
65) 4,6-Dinitro-2-methylphenol	15.51	198	824666	77.334 ng	98
66) n-Nitrosodiphenylamine	15.64	169	3534332	63.056 ng	99
67) 4-Bromophenyl-phenylether	16.31	248	1271710	62.892 ng	98
68) Hexachlorobenzene	16.42	284	1448664	63.996 ng	97
69) Atrazine	16.59	200	983643	48.544 ng	99
70) Pentachlorophenol	16.76	266	995176	67.127 ng	99
71) Phenanthrene	17.16	178	5872134	61.098 ng	100
72) Anthracene	17.25	178	5849922	63.297 ng	99
73) Carbazole	17.53	167	6062260	63.845 ng	99
74) Di-n-butylphthalate	18.09	149	7234437	69.556 ng	100
75) Fluoranthene	19.18	202	6837366	61.705 ng	98
77) Benzidine	19.38	184	2384353	48.452 ng	100
78) Pyrene	19.54	202	7199165	60.939 ng	99
80) Butylbenzylphthalate	20.44	149	3515059	69.729 ng	97
81) Benzo(a)anthracene	21.30	228	7061285	60.141 ng	99
82) 3,3'-Dichlorobenzidine	21.23	252	2795671	62.967 ng	99
83) Chrysene	21.35	228	6701410	59.106 ng	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	5088649	69.906 ng	99
85) Di-n-octyl phthalate	22.10	149	8362345	68.303 ng	100
86) Indeno(1,2,3-cd)pyrene	25.87	276	6734599	51.512 ng	100
88) Benzo(b)fluoranthene	22.89	252	6930253	64.585 ng	100
89) Benzo(k)fluoranthene	22.94	252	6743323	62.357 ng	99
90) Benzo(a)pyrene	23.48	252	6372149	62.029 ng	100
91) Dibenzo(a,h)anthracene	25.89	278	5782255	55.550 ng	100
92) Benzo(g,h,i)perylene	26.57	276	5214785	51.482 ng	100

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

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