Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013019\
Data File : BM018703.D
Acq On : 30 Jan 2019 20:16
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040EC

Quant Time: Jan 31 06:37:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 22:01:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	400908	20.00	ng		-0.02
21) Naphthalene-d8	10.51	136	1641752	20.00	ng		-0.02
39) Acenaphthene-d10	14.37	164	910993	20.00	ng		-0.01
64) Phenanthrene-d10	17.12	188	1845769	20.00	ng		-0.02
76) Chrysene-d12	21.31	240	1436493	20.00	ng		-0.02
87) Perylene-d12	23.58	264	1421307	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1713834	78.94	ng		-0.02
7) Phenol-d6	6.90	99	2248012	81.52	ng		-0.01
23) Nitrobenzene-d5	8.89	82	2169778	76.62	ng		-0.01
42) 2,4,6-Tribromophenol	15.87	330	917494	79.10	ng		-0.02
45) 2-Fluorobiphenyl	12.99	172	5339987	76.49	ng		-0.01
79) Terphenyl-d14	19.76	244	6215894	91.22	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	313822	35.463	ng		97
3) Pyridine	3.66	79	866707	39.284	ng		98
4) n-Nitrosodimethylamine	3.57	42	372037	40.780	ng	#	95
6) Aniline	7.06	93	1322293	42.985	ng		99
8) 2-Chlorophenol	7.29	128	1027599	40.524	ng		96
9) Benzaldehyde	6.88	77	561606	33.897	ng		96
10) Phenol	6.93	94	1131928	40.394	ng		99
11) bis(2-Chloroethyl)ether	7.16	93	884323	40.163	ng		95
12) 1,3-Dichlorobenzene	7.61	146	1167144	38.649	ng		99
13) 1,4-Dichlorobenzene	7.76	146	1179833	38.547	ng		99
14) 1,2-Dichlorobenzene	8.07	146	1138495	39.227	ng		100
15) Benzyl Alcohol	7.97	79	857529	43.054	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	1161181	41.266	ng		96
17) 2-Methylphenol	8.16	107	796924	41.896	ng		100
18) Hexachloroethane	8.79	117	419897	38.476	ng		97
19) n-Nitroso-di-n-propylamine	8.53	70	732138	40.796	ng		94
20) 3+4-Methylphenols	8.50	107	1101178	41.936	ng		98
22) Acetophenone	8.55	105	1532486	37.734	ng	#	97
24) Nitrobenzene	8.93	77	1066651	38.279	ng		98
25) Isophorone	9.46	82	1702958	39.710	ng		98
26) 2-Nitrophenol	9.63	139	595159	44.172	ng		97
27) 2,4-Dimethylphenol	9.69	122	806260	39.922	ng		100
28) bis(2-Chloroethoxy)methane	9.93	93	1162069	39.225	ng		99
29) 2,4-Dichlorophenol	10.16	162	992995	41.292	ng		99
30) 1,2,4-Trichlorobenzene	10.37	180	1138799	38.152	ng		99
31) Naphthalene	10.56	128	2999919	37.941	ng		99
32) Benzoic acid	9.86	122	623038	46.115	ng		99
33) 4-Chloroaniline	10.69	127	1343268	43.138	ng		99
34) Hexachlorobutadiene	10.83	225	721750	38.274	ng		99
35) Caprolactam	11.51	113	318899	39.004	ng		88
36) 4-Chloro-3-methylphenol	11.81	107	1016426	40.287	ng		98
37) 2-Methylnaphthalene	12.18	142	2128166	38.096	ng		100
38) 1-Methylnaphthalene	12.40	142	2063217	38.171	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1256612	39.445	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	559564	32.004 ng	99
43) 2,4,6-Trichlorophenol	12.80	196	820547	42.415 ng	99
44) 2,4,5-Trichlorophenol	12.87	196	847264	41.643 ng	99
46) 1,1'-Biphenyl	13.20	154	3057727	38.441 ng	99
47) 2-Chloronaphthalene	13.24	162	2372541	38.464 ng	100
48) 2-Nitroaniline	13.47	65	614175	40.472 ng	90
49) Acenaphthylene	14.10	152	3472566	38.631 ng	99
50) Dimethylphthalate	13.84	163	2828049	37.799 ng	99
51) 2,6-Dinitrotoluene	13.97	165	625249	39.453 ng	91
52) Acenaphthene	14.44	154	2089577	37.992 ng	98
53) 3-Nitroaniline	14.30	138	641796	40.169 ng	97
54) 2,4-Dinitrophenol	14.50	184	214069	29.907 ng	91
55) Dibenzofuran	14.77	168	3368495	37.067 ng	98
56) 4-Nitrophenol	14.61	139	471264	34.142 ng	95
57) 2,4-Dinitrotoluene	14.76	165	827405	36.899 ng	99
58) Fluorene	15.43	166	2520555	37.233 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.00	232	701729	38.911 ng	97
60) Diethylphthalate	15.20	149	2814074	37.258 ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	1456682	37.334 ng	98
62) 4-Nitroaniline	15.47	138	576563	33.084 ng	98
63) Azobenzene	15.72	77	2331746	37.865 ng	97
65) 4,6-Dinitro-2-methylphenol	15.52	198	390781	34.877 ng	86
66) n-Nitrosodiphenylamine	15.64	169	2371225	41.415 ng	100
67) 4-Bromophenyl-phenylether	16.32	248	858637	41.570 ng	99
68) Hexachlorobenzene	16.42	284	938600	40.591 ng	98
69) Atrazine	16.60	200	780215	37.694 ng	99
70) Pentachlorophenol	16.77	266	587213	38.775 ng	99
71) Phenanthrene	17.17	178	3747600	38.172 ng	99
72) Anthracene	17.26	178	3679988	38.980 ng	100
73) Carbazole	17.53	167	3510947	36.198 ng	100
74) Di-n-butylphthalate	18.09	149	4249781	40.000 ng	99
75) Fluoranthene	19.19	202	3782554	33.418 ng	99
77) Benzidine	19.39	184	1643321	46.331 ng	99
78) Pyrene	19.55	202	3845890	45.167 ng	99
80) Butylbenzylphthalate	20.45	149	1602143	44.095 ng	99
81) Benzo(a)anthracene	21.30	228	3301466	39.012 ng	99
82) 3,3'-Dichlorobenzidine	21.24	252	1296161	40.504 ng	100
83) Chrysene	21.35	228	3149888	38.545 ng	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	2204013	42.008 ng	99
85) Di-n-octyl phthalate	22.11	149	3498091	39.642 ng	95
86) Indeno(1,2,3-cd)pyrene	25.88	276	3592665	38.126 ng	97
88) Benzo(b)fluoranthene	22.90	252	3135191	38.854 ng	99
89) Benzo(k)fluoranthene	22.94	252	3048635	37.490 ng	98
90) Benzo(a)pyrene	23.48	252	2994097	38.759 ng	98
91) Dibenzo(a,h)anthracene	25.89	278	3047194	38.930 ng	99
92) Benzo(g,h,i)perylene	26.59	276	2967701	38.962 ng	98

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

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