Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022019\
Data File : BM018878.D
Acq On : 20 Feb 2019 11:25
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/21/2019 10:08:43 AM

Quant Time: Feb 20 13:43:34 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	283501	20.00	ng		-0.02
21) Naphthalene-d8	10.49	136	1252250	20.00	ng		-0.02
39) Acenaphthene-d10	14.35	164	754466	20.00	ng		-0.01
64) Phenanthrene-d10	17.10	188	1777256	20.00	ng		-0.01
76) Chrysene-d12	21.30	240	1967887	20.00	ng		-0.01
87) Perylene-d12	23.55	264	1816168	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1451952	83.91	ng		-0.02
7) Phenol-d6	6.88	99	2150167	88.21	ng		-0.01
23) Nitrobenzene-d5	8.87	82	2315954	85.52	ng		-0.02
42) 2,4,6-Tribromophenol	15.85	330	968755	89.08	ng		-0.01
45) 2-Fluorobiphenyl	12.97	172	4682709	82.39	ng		-0.01
79) Terphenyl-d14	19.74	244	8510821	89.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	299369	39.724	ng		98
3) Pyridine	3.65	79	923994	44.949	ng		99
4) n-Nitrosodimethylamine	3.57	42	241195	46.122	ng		91
6) Aniline	7.04	93	1301535	43.579	ng		98
8) 2-Chlorophenol	7.26	128	825078	43.432	ng		97
9) Benzaldehyde	6.86	77	600608	47.291	ng		97
10) Phenol	6.90	94	1134838	44.247	ng		98
11) bis(2-Chloroethyl)ether	7.14	93	849901	43.441	ng		99
12) 1,3-Dichlorobenzene	7.59	146	898804	42.077	ng		99
13) 1,4-Dichlorobenzene	7.73	146	915834	42.114	ng		99
14) 1,2-Dichlorobenzene	8.05	146	884173	42.328	ng		99
15) Benzyl Alcohol	7.95	79	890688	45.987	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	856352	45.224	ng		97
17) 2-Methylphenol	8.14	107	726193	44.486	ng		99
18) Hexachloroethane	8.76	117	333604	42.024	ng		99
19) n-Nitroso-di-n-propylamine	8.51	70	865972	45.884	ng		98
20) 3+4-Methylphenols	8.48	107	1022667	45.369	ng		98
22) Acetophenone	8.53	105	1454521	42.296	ng	#	98
24) Nitrobenzene	8.91	77	1195136	42.514	ng		100
25) Isophorone	9.43	82	1903230	44.043	ng		99
26) 2-Nitrophenol	9.62	139	483448	43.184	ng		100
27) 2,4-Dimethylphenol	9.67	122	702110	42.940	ng		99
28) bis(2-Chloroethoxy)methane	9.91	93	1184032	42.372	ng		100
29) 2,4-Dichlorophenol	10.14	162	817798	43.558	ng		99
30) 1,2,4-Trichlorobenzene	10.35	180	885178	40.825	ng		98
31) Naphthalene	10.54	128	2547213	41.707	ng		99
32) Benzoic acid	9.83	122	508051	35.620	ng		94
33) 4-Chloroaniline	10.66	127	1200429	43.971	ng		100
34) Hexachlorobutadiene	10.80	225	494454	39.288	ng		99
35) Caprolactam	11.49	113	349914m	45.667	ng		
36) 4-Chloro-3-methylphenol	11.79	107	1019956	45.058	ng		99
37) 2-Methylnaphthalene	12.16	142	1838590	42.759	ng		100
38) 1-Methylnaphthalene	12.37	142	1776944	42.260	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	971398	40.249	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	420063	34.042 ng	97
43) 2,4,6-Trichlorophenol	12.77	196	678437	42.463 ng	99
44) 2,4,5-Trichlorophenol	12.85	196	715759	42.742 ng	97
46) 1,1'-Biphenyl	13.18	154	2697403	41.535 ng	100
47) 2-Chloronaphthalene	13.22	162	2096941	41.804 ng	99
48) 2-Nitroaniline	13.45	65	781476	46.909 ng	100
49) Acenaphthylene	14.07	152	3225984	43.191 ng	100
50) Dimethylphthalate	13.82	163	2686325	42.723 ng	100
51) 2,6-Dinitrotoluene	13.95	165	604485	44.380 ng	97
52) Acenaphthene	14.42	154	1928768	42.114 ng	99
53) 3-Nitroaniline	14.28	138	667608	43.380 ng	96
54) 2,4-Dinitrophenol	14.49	184	258250	33.491 ng	98
55) Dibenzofuran	14.75	168	3205859	42.588 ng	99
56) 4-Nitrophenol	14.59	139	549958	44.765 ng	98
57) 2,4-Dinitrotoluene	14.73	165	854423	45.529 ng	97
58) Fluorene	15.40	166	2487494	43.194 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.98	232	624462	42.187 ng	98
60) Diethylphthalate	15.18	149	2809085	43.310 ng	100
61) 4-Chlorophenyl-phenylether	15.40	204	1365294	42.284 ng	99
62) 4-Nitroaniline	15.45	138	638051	42.290 ng	99
63) Azobenzene	15.69	77	3136549	45.102 ng	100
65) 4,6-Dinitro-2-methylphenol	15.50	198	450742	36.122 ng	94
66) n-Nitrosodiphenylamine	15.62	169	2378675	42.362 ng	100
67) 4-Bromophenyl-phenylether	16.29	248	818400	41.139 ng	96
68) Hexachlorobenzene	16.40	284	950458	41.105 ng	100
69) Atrazine	16.57	200	688599	38.039 ng	99
70) Pentachlorophenol	16.75	266	636629	42.760 ng	99
71) Phenanthrene	17.15	178	4026444	42.156 ng	100
72) Anthracene	17.24	178	3988596	42.904 ng	100
73) Carbazole	17.52	167	4166212	42.895 ng	100
74) Di-n-butylphthalate	18.07	149	4950885	44.322 ng	100
75) Fluoranthene	19.17	202	4715153	42.737 ng	99
77) Benzidine	19.36	184	1555464	35.097 ng	99
78) Pyrene	19.53	202	4974693	43.526 ng	100
80) Butylbenzylphthalate	20.43	149	2434289	46.734 ng	98
81) Benzo(a)anthracene	21.28	228	4829429	42.100 ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	1870835	41.266 ng	99
83) Chrysene	21.34	228	4612753	41.953 ng	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	3535983	46.382 ng	100
85) Di-n-octyl phthalate	22.09	149	5983997	46.702 ng	99
86) Indeno(1,2,3-cd)pyrene	25.84	276	4556874	35.897 ng	99
88) Benzo(b)fluoranthene	22.87	252	4520611	43.505 ng	100
89) Benzo(k)fluoranthene	22.92	252	4639555	44.849 ng	99
90) Benzo(a)pyrene	23.46	252	4210438	42.773 ng	99
91) Dibenzo(a,h)anthracene	25.85	278	3913940	40.133 ng	99
92) Benzo(g,h,i)perylene	26.54	276	3552219	39.124 ng	99

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

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