Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022719\
Data File : BM018947.D
Acq On : 27 Feb 2019 13:43
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/28/2019 1:33:17 PM

Quant Time: Feb 28 07:31:55 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	7.69	152	278647	20.00	ng		-0.02
21) Naphthalene-d8	10.48	136	1221941	20.00	ng		-0.02
39) Acenaphthene-d10	14.34	164	708327	20.00	ng		-0.02
64) Phenanthrene-d10	17.10	188	1565619	20.00	ng		-0.02
76) Chrysene-d12	21.30	240	1651910	20.00	ng		-0.01
87) Perylene-d12	23.55	264	1452449	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1330832	78.25	ng		-0.02
7) Phenol-d6	6.87	99	2055409	85.79	ng		-0.02
23) Nitrobenzene-d5	8.86	82	2147123	81.25	ng		-0.02
42) 2,4,6-Tribromophenol	15.84	330	847658	83.02	ng		-0.02
45) 2-Fluorobiphenyl	12.96	172	4269007	80.01	ng		-0.02
79) Terphenyl-d14	19.73	244	6938050	86.64	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	248844	33.595	ng		100
3) Pyridine	3.64	79	792627	39.230	ng		99
4) n-Nitrosodimethylamine	3.56	42	205887	40.056	ng		92
6) Aniline	7.03	93	1215484	41.407	ng		100
8) 2-Chlorophenol	7.26	128	773437	41.423	ng		97
9) Benzaldehyde	6.85	77	565070	44.435	ng		97
10) Phenol	6.90	94	1061820	42.122	ng		99
11) bis(2-Chloroethyl)ether	7.13	93	797964	41.497	ng		99
12) 1,3-Dichlorobenzene	7.58	146	833939	39.720	ng		97
13) 1,4-Dichlorobenzene	7.73	146	850844	39.807	ng		100
14) 1,2-Dichlorobenzene	8.04	146	834506	40.646	ng		100
15) Benzyl Alcohol	7.95	79	835871	43.909	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.22	45	780400	41.931	ng		97
17) 2-Methylphenol	8.14	107	688704	42.925	ng		98
18) Hexachloroethane	8.75	117	318557	40.827	ng		98
19) n-Nitroso-di-n-propylamine	8.50	70	793568	42.780	ng		98
20) 3+4-Methylphenols	8.47	107	967629	43.675	ng		100
22) Acetophenone	8.52	105	1339317	39.912	ng	#	99
24) Nitrobenzene	8.90	77	1088936	39.697	ng		99
25) Isophorone	9.42	82	1741540	41.301	ng		100
26) 2-Nitrophenol	9.61	139	480088	43.948	ng		97
27) 2,4-Dimethylphenol	9.66	122	653449	40.955	ng		97
28) bis(2-Chloroethoxy)methane	9.90	93	1094441	40.137	ng		99
29) 2,4-Dichlorophenol	10.13	162	772278	42.154	ng		100
30) 1,2,4-Trichlorobenzene	10.34	180	844202	39.901	ng		99
31) Naphthalene	10.53	128	2370679	39.780	ng		99
32) Benzoic acid	9.84	122	589342	42.344	ng		97
33) 4-Chloroaniline	10.66	127	1075203	40.361	ng		99
34) Hexachlorobutadiene	10.79	225	478233	38.942	ng		100
35) Caprolactam	11.49	113	312114m	41.744	ng		
36) 4-Chloro-3-methylphenol	11.78	107	915993	41.469	ng		100
37) 2-Methylnaphthalene	12.15	142	1694244	40.379	ng		99
38) 1-Methylnaphthalene	12.37	142	1650665	40.230	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	900608	39.747	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.48	237	379599	32.767	ng	98
43) 2,4,6-Trichlorophenol	12.77	196	625962	41.731	ng	98
44) 2,4,5-Trichlorophenol	12.85	196	657329	41.809	ng	100
46) 1,1'-Biphenyl	13.17	154	2430674	39.866	ng	100
47) 2-Chloronaphthalene	13.22	162	1907969	40.515	ng	100
48) 2-Nitroaniline	13.44	65	689229	44.067	ng	99
49) Acenaphthylene	14.07	152	2848501	40.622	ng	99
50) Dimethylphthalate	13.82	163	2276108	38.557	ng	100
51) 2,6-Dinitrotoluene	13.94	165	520877	40.733	ng	99
52) Acenaphthene	14.41	154	1715698	39.902	ng	99
53) 3-Nitroaniline	14.27	138	561940	38.892	ng	99
54) 2,4-Dinitrophenol	14.49	184	314108	41.685	ng	97
55) Dibenzofuran	14.75	168	2786759	39.432	ng	99
56) 4-Nitrophenol	14.59	139	456734	39.599	ng	98
57) 2,4-Dinitrotoluene	14.73	165	730900	41.484	ng	98
58) Fluorene	15.40	166	2138230	39.548	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.97	232	543171	39.086	ng	100
60) Diethylphthalate	15.17	149	2375113	39.004	ng	100
61) 4-Chlorophenyl-phenylether	15.39	204	1164810	38.424	ng	99
62) 4-Nitroaniline	15.44	138	541365	38.219	ng	98
63) Azobenzene	15.69	77	2622239	40.162	ng	99
65) 4,6-Dinitro-2-methylphenol	15.49	198	391899	35.652	ng	98
66) n-Nitrosodiphenylamine	15.62	169	2007623	40.587	ng	99
67) 4-Bromophenyl-phenylether	16.29	248	698776	39.874	ng	98
68) Hexachlorobenzene	16.40	284	815754	40.048	ng	95
69) Atrazine	16.57	200	659466	41.355	ng	99
70) Pentachlorophenol	16.74	266	543193	41.416	ng	100
71) Phenanthrene	17.14	178	3332834	39.611	ng	99
72) Anthracene	17.23	178	3353726	40.952	ng	100
73) Carbazole	17.51	167	3444478	40.258	ng	100
74) Di-n-butylphthalate	18.06	149	4125917	41.930	ng	100
75) Fluoranthene	19.16	202	3857912	39.694	ng	98
77) Benzidine	19.36	184	1243097	33.414	ng	99
78) Pyrene	19.53	202	4002965	41.723	ng	99
80) Butylbenzylphthalate	20.43	149	2026853	46.355	ng	97
81) Benzo(a)anthracene	21.28	228	3885200	40.348	ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	1591030	41.807	ng	100
83) Chrysene	21.33	228	3655742	39.609	ng	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	2987848	46.689	ng	98
85) Di-n-octyl phthalate	22.08	149	4951871	46.039	ng	100
86) Indeno(1,2,3-cd)pyrene	25.83	276	3435982m	32.245	ng	
88) Benzo(b)fluoranthene	22.87	252	3411767	41.056	ng	100
89) Benzo(k)fluoranthene	22.92	252	3454319	41.753	ng	100
90) Benzo(a)pyrene	23.45	252	3136920	39.848	ng	99
91) Dibenzo(a,h)anthracene	25.84	278	2930636	37.575	ng	100
92) Benzo(g,h,i)perylene	26.54	276	2709948	37.322	ng	100

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

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