Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092519\
Data File : BM022769.D
Acq On : 25 Sep 2019 13:36
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/26/2019 3:54:40 PM

Quant Time: Sep 26 06:18:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 16:34:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	189275	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	771553	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	455633	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	918890	20.00	ng	0.00
76) Chrysene-d12	21.37	240	902403	20.00	ng	0.00
87) Perylene-d12	23.64	264	967928	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	931890	78.08	ng	0.00
7) Phenol-d6	6.99	99	1205256	78.63	ng	0.00
23) Nitrobenzene-d5	8.97	82	1071897	77.12	ng	0.00
42) 2,4,6-Tribromophenol	15.94	330	490796	86.29	ng	0.00
45) 2-Fluorobiphenyl	13.07	172	2630031	79.49	ng	-0.01
79) Terphenyl-d14	19.82	244	3871341	83.07	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	179821	37.446	ng	# 100
3) Pyridine	3.72	79	504054	39.822	ng	99
4) n-Nitrosodimethylamine	3.62	42	179613	38.979	ng	# 97
6) Aniline	7.15	93	719879	39.167	ng	99
8) 2-Chlorophenol	7.39	128	480164	39.489	ng	99
9) Benzaldehyde	6.96	77	313910	35.966	ng	99
10) Phenol	7.01	94	560362	38.831	ng	99
11) bis(2-Chloroethyl)ether	7.24	93	452280	39.891	ng	99
12) 1,3-Dichlorobenzene	7.71	146	574691	39.544	ng	100
13) 1,4-Dichlorobenzene	7.85	146	575348	39.106	ng	99
14) 1,2-Dichlorobenzene	8.17	146	547379	39.024	ng	100
15) Benzyl Alcohol	8.06	79	392812	40.954	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.35	45	647220	39.297	ng	99
17) 2-Methylphenol	8.26	107	383669	40.167	ng	99
18) Hexachloroethane	8.90	117	211691	39.230	ng	97
19) n-Nitroso-di-n-propylamine	8.63	70	348602	40.726	ng	99
20) 3+4-Methylphenols	8.59	107	518022	40.717	ng	100
22) Acetophenone	8.64	105	721720	37.895	ng	99
24) Nitrobenzene	9.02	77	511142	38.435	ng	99
25) Isophorone	9.55	82	917601	40.151	ng	99
26) 2-Nitrophenol	9.72	139	237872	41.433	ng	98
27) 2,4-Dimethylphenol	9.79	122	383568	39.909	ng	100
28) bis(2-Chloroethoxy)methane	10.02	93	635142	40.161	ng	100
29) 2,4-Dichlorophenol	10.26	162	444751	40.929	ng	99
30) 1,2,4-Trichlorobenzene	10.47	180	530642	39.691	ng	100
31) Naphthalene	10.66	128	1482835	38.896	ng	100
32) Benzoic acid	9.92	122	290064	44.268	ng	96
33) 4-Chloroaniline	10.76	127	654257	39.527	ng	99
34) Hexachlorobutadiene	10.96	225	320034	40.157	ng	98
35) Caprolactam	11.55	113	140123m	43.497	ng	
36) 4-Chloro-3-methylphenol	11.89	107	433301	40.871	ng	97
37) 2-Methylnaphthalene	12.27	142	1061904	40.017	ng	99
38) 1-Methylnaphthalene	12.49	142	1001985	39.779	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	592982	38.409	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	328973	39.054	ng		98
43) 2,4,6-Trichlorophenol	12.88	196	370810	41.614	ng		100
44) 2,4,5-Trichlorophenol	12.95	196	379768	40.899	ng		100
46) 1,1'-Biphenyl	13.29	154	1446601	38.361	ng		100
47) 2-Chloronaphthalene	13.33	162	1088868	38.741	ng		100
48) 2-Nitroaniline	13.53	65	287633	39.300	ng		99
49) Acenaphthylene	14.17	152	1636948	39.329	ng		100
50) Dimethylphthalate	13.91	163	1326158	40.275	ng		100
51) 2,6-Dinitrotoluene	14.02	165	279016	40.510	ng		99
52) Acenaphthene	14.52	154	1080772	39.690	ng		99
53) 3-Nitroaniline	14.35	138	311531	39.290	ng		99
54) 2,4-Dinitrophenol	14.56	184	139464	41.075	ng		94
55) Dibenzofuran	14.85	168	1561630	39.283	ng		100
56) 4-Nitrophenol	14.66	139	244845	40.175	ng		98
57) 2,4-Dinitrotoluene	14.81	165	372818	41.318	ng		99
58) Fluorene	15.50	166	1263541	39.114	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.07	232	338035	41.742	ng		99
60) Diethylphthalate	15.27	149	1339711	41.844	ng		100
61) 4-Chlorophenyl-phenylether	15.50	204	669775	40.352	ng		99
62) 4-Nitroaniline	15.51	138	326699	39.300	ng		100
63) Azobenzene	15.79	77	1151219	39.817	ng		99
65) 4,6-Dinitro-2-methylphenol	15.57	198	179631	40.153	ng		95
66) n-Nitrosodiphenylamine	15.70	169	1099686	39.174	ng		100
67) 4-Bromophenyl-phenylether	16.39	248	413132	40.423	ng		100
68) Hexachlorobenzene	16.50	284	476526	39.981	ng		99
69) Atrazine	16.66	200	374808	41.072	ng		99
70) Pentachlorophenol	16.84	266	269413	42.385	ng		99
71) Phenanthrene	17.23	178	1977041	38.131	ng		100
72) Anthracene	17.32	178	1950941	38.825	ng		99
73) Carbazole	17.59	167	1795830	38.405	ng		99
74) Di-n-butylphthalate	18.16	149	2359323	44.498	ng		100
75) Fluoranthene	19.25	202	2271756	38.828	ng		98
77) Benzidine	19.43	184	1028579	41.549	ng		99
78) Pyrene	19.61	202	2336701	39.512	ng		100
80) Butylbenzylphthalate	20.51	149	1045561	46.519	ng		97
81) Benzo(a)anthracene	21.36	228	2320972	39.684	ng		100
82) 3,3'-Dichlorobenzidine	21.29	252	890410	42.930	ng		100
83) Chrysene	21.41	228	2179338	38.436	ng		100
84) Bis(2-ethylhexyl)phthalate	21.29	149	1614342	48.476	ng		99
85) Di-n-octyl phthalate	22.18	149	2629151	49.536	ng		98
86) Indeno(1,2,3-cd)pyrene	25.96	276	2600913	38.432	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	2339452	39.919	ng		100
89) Benzo(k)fluoranthene	23.01	252	2179476	37.480	ng		99
90) Benzo(a)pyrene	23.54	252	2117714	39.215	ng		99
91) Dibenzo(a,h)anthracene	25.97	278	2153316	38.121	ng		99
92) Benzo(g,h,i)perylene	26.66	276	2047460	38.162	ng		99

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

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