Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
Data File : BM020756.D
Acq On : 06 Jun 2019 03:06
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
6/6/2019 11:22:19 AM

Quant Time: Jun 06 04:11:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	308698	20.00	ng		-0.01
21) Naphthalene-d8	10.61	136	1328356	20.00	ng		-0.02
39) Acenaphthene-d10	14.46	164	718294	20.00	ng		-0.02
64) Phenanthrene-d10	17.20	188	1497710	20.00	ng		-0.01
76) Chrysene-d12	21.38	240	1356680	20.00	ng		-0.02
87) Perylene-d12	23.66	264	1539876	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1396233	79.56	ng		-0.01
7) Phenol-d6	6.99	99	1942281	75.17	ng		0.00
23) Nitrobenzene-d5	8.99	82	2018657	78.74	ng		-0.01
42) 2,4,6-Tribromophenol	15.94	330	748209	84.07	ng		-0.02
45) 2-Fluorobiphenyl	13.08	172	4482643	82.97	ng		-0.01
79) Terphenyl-d14	19.83	244	5966412	73.56	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	283804	39.500	ng		94
3) Pyridine	3.74	79	893192	39.073	ng		96
4) n-Nitrosodimethylamine	3.66	42	342278	34.734	ng		90
6) Aniline	7.16	93	1374505	36.762	ng		97
8) 2-Chlorophenol	7.39	128	846244	38.762	ng		97
9) Benzaldehyde	6.97	77	572822	37.424	ng		95
10) Phenol	7.01	94	1042310	37.430	ng		98
11) bis(2-Chloroethyl)ether	7.25	93	827054	37.267	ng		96
12) 1,3-Dichlorobenzene	7.71	146	992972	39.575	ng		98
13) 1,4-Dichlorobenzene	7.86	146	1009353	39.571	ng		99
14) 1,2-Dichlorobenzene	8.17	146	976359	39.333	ng		99
15) Benzyl Alcohol	8.06	79	793354	34.705	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1130101	32.983	ng		99
17) 2-Methylphenol	8.26	107	713148	36.419	ng		98
18) Hexachloroethane	8.89	117	366485	37.527	ng		94
19) n-Nitroso-di-n-propylamine	8.63	70	691751	33.303	ng		95
20) 3+4-Methylphenols	8.59	107	961114	36.075	ng		98
22) Acetophenone	8.65	105	1306772	38.725	ng	#	96
24) Nitrobenzene	9.03	77	1011900	38.662	ng		97
25) Isophorone	9.55	82	1801129	35.317	ng		99
26) 2-Nitrophenol	9.73	139	434664	44.560	ng		96
27) 2,4-Dimethylphenol	9.79	122	695327	38.041	ng		98
28) bis(2-Chloroethoxy)methane	10.03	93	1130134	36.650	ng		100
29) 2,4-Dichlorophenol	10.26	162	811994	40.152	ng		97
30) 1,2,4-Trichlorobenzene	10.47	180	973657	41.872	ng		98
31) Naphthalene	10.66	128	2674644	39.155	ng		100
32) Benzoic acid	9.92	122	478302m	42.261	ng		
33) 4-Chloroaniline	10.77	127	1184153	37.249	ng		97
34) Hexachlorobutadiene	10.94	225	589521	42.253	ng		99
35) Caprolactam	11.57	113	253126m	36.030	ng		
36) 4-Chloro-3-methylphenol	11.89	107	841785	35.802	ng		98
37) 2-Methylnaphthalene	12.27	142	1911180	37.747	ng		99
38) 1-Methylnaphthalene	12.49	142	1817682	37.703	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1006376	42.753	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	464670	33.006	ng		100
43) 2,4,6-Trichlorophenol	12.88	196	655757	43.279	ng		99
44) 2,4,5-Trichlorophenol	12.95	196	673997	43.087	ng		95
46) 1,1'-Biphenyl	13.29	154	2425415	40.431	ng		99
47) 2-Chloronaphthalene	13.33	162	1988247	41.065	ng		98
48) 2-Nitroaniline	13.54	65	580156	38.177	ng		93
49) Acenaphthylene	14.18	152	2977506	39.414	ng		100
50) Dimethylphthalate	13.92	163	2349849	38.291	ng		100
51) 2,6-Dinitrotoluene	14.04	165	492756	39.545	ng		89
52) Acenaphthene	14.52	154	1767897	39.269	ng		98
53) 3-Nitroaniline	14.37	138	536371	38.565	ng		97
54) 2,4-Dinitrophenol	14.57	184	177054	37.291	ng	#	89
55) Dibenzofuran	14.86	168	2752367	39.363	ng		98
56) 4-Nitrophenol	14.67	139	398568	38.888	ng		89
57) 2,4-Dinitrotoluene	14.83	165	664084	39.803	ng		90
58) Fluorene	15.50	166	2220995	38.625	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	571916	41.958	ng		95
60) Diethylphthalate	15.29	149	2288284	36.155	ng		99
61) 4-Chlorophenyl-phenylether	15.50	204	1183783	38.882	ng		94
62) 4-Nitroaniline	15.53	138	564813	38.291	ng		95
63) Azobenzene	15.80	77	2083055	34.330	ng		95
65) 4,6-Dinitro-2-methylphenol	15.59	198	246883	38.386	ng		92
66) n-Nitrosodiphenylamine	15.72	169	1881075	39.234	ng		100
67) 4-Bromophenyl-phenylether	16.40	248	706783	40.081	ng		93
68) Hexachlorobenzene	16.50	284	836150	40.607	ng		95
69) Atrazine	16.67	200	579382	40.489	ng		100
70) Pentachlorophenol	16.84	266	442249	45.020	ng		99
71) Phenanthrene	17.24	178	3322685	39.139	ng		100
72) Anthracene	17.33	178	3311032	38.967	ng		99
73) Carbazole	17.61	167	2980872	38.659	ng		99
74) Di-n-butylphthalate	18.17	149	3573594	35.702	ng		99
75) Fluoranthene	19.26	202	3714476	39.344	ng		99
77) Benzidine	19.45	184	1545618	37.598	ng		100
78) Pyrene	19.62	202	3789626	36.400	ng		100
80) Butylbenzylphthalate	20.52	149	1536199	34.916	ng		94
81) Benzo(a)anthracene	21.36	228	3696335	39.124	ng		100
82) 3,3'-Dichlorobenzidine	21.30	252	1432436	41.404	ng		98
83) Chrysene	21.42	228	3532500	39.334	ng		100
84) Bis(2-ethylhexyl)phthalate	21.29	149	2167555	33.898	ng		100
85) Di-n-octyl phthalate	22.19	149	3630095	35.757	ng		97
86) Indeno(1,2,3-cd)pyrene	25.99	276	4529734	49.302	ng		98
88) Benzo(b)fluoranthene	22.97	252	3825537	37.587	ng		100
89) Benzo(k)fluoranthene	23.02	252	3700670	37.207	ng		99
90) Benzo(a)pyrene	23.56	252	3586902	38.854	ng		99
91) Dibenzo(a,h)anthracene	26.00	278	3742640	41.788	ng		98
92) Benzo(g,h,i)perylene	26.70	276	3546867	42.636	ng		98

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

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