Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
Data File : BM020612.D
Acq On : 29 May 2019 23:28
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
5/30/2019 8:16:51 AM

Quant Time: May 30 02:45:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 02:15:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	44696	20.00	ng		0.00
21) Naphthalene-d8	10.41	136	166525	20.00	ng		0.00
39) Acenaphthene-d10	14.29	164	120486	20.00	ng		0.00
64) Phenanthrene-d10	17.04	188	313283	20.00	ng		0.00
76) Chrysene-d12	21.24	240	366868	20.00	ng		0.00
87) Perylene-d12	23.46	264	399252	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	198032	86.92	ng		0.00
7) Phenol-d6	6.80	99	287014	83.46	ng		0.00
23) Nitrobenzene-d5	8.80	82	356058	89.74	ng		0.00
42) 2,4,6-Tribromophenol	15.79	330	210096	87.04	ng		0.00
45) 2-Fluorobiphenyl	12.90	172	846349	88.14	ng		0.00
79) Terphenyl-d14	19.67	244	1798002	88.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	63544	53.299	ng		98
3) Pyridine	3.53	79	160971	45.653	ng		98
4) n-Nitrosodimethylamine	3.46	42	35262	41.707	ng	#	86
6) Aniline	6.96	93	192583	38.715	ng		99
8) 2-Chlorophenol	7.19	128	118482	42.529	ng		98
9) Benzaldehyde	6.78	77	88889	40.490	ng		99
10) Phenol	6.83	94	154136	41.509	ng		96
11) bis(2-Chloroethyl)ether	7.06	93	106943	38.593	ng		98
12) 1,3-Dichlorobenzene	7.50	146	154597	43.331	ng		97
13) 1,4-Dichlorobenzene	7.66	146	152785	42.843	ng		99
14) 1,2-Dichlorobenzene	7.97	146	155724	43.556	ng		98
15) Benzyl Alcohol	7.88	79	118045m	37.097	ng		
16) 2,2'-oxybis(1-Chloropropan	8.15	45	73772	38.197	ng		91
17) 2-Methylphenol	8.07	107	94217	38.433	ng		96
18) Hexachloroethane	8.68	117	66260	45.867	ng		89
19) n-Nitroso-di-n-propylamine	8.43	70	116524	38.162	ng		100
20) 3+4-Methylphenols	8.40	107	124928	38.000	ng		98
22) Acetophenone	8.46	105	188340	41.072	ng		98
24) Nitrobenzene	8.84	77	172320	43.979	ng		94
25) Isophorone	9.35	82	314516	42.604	ng		99
26) 2-Nitrophenol	9.55	139	56185	38.862	ng		98
27) 2,4-Dimethylphenol	9.60	122	85386	39.647	ng		97
28) bis(2-Chloroethoxy)methane	9.84	93	150470	39.155	ng		99
29) 2,4-Dichlorophenol	10.07	162	123219	43.017	ng		96
30) 1,2,4-Trichlorobenzene	10.27	180	181093	46.238	ng		96
31) Naphthalene	10.46	128	374434	43.548	ng		98
32) Benzoic acid	9.73	122	26003m	24.364	ng		
33) 4-Chloroaniline	10.60	127	139684m	40.703	ng		
34) Hexachlorobutadiene	10.72	225	151679	52.090	ng		97
35) Caprolactam	11.41	113	34511m	36.608	ng		
36) 4-Chloro-3-methylphenol	11.72	107	119851	38.450	ng		96
37) 2-Methylnaphthalene	12.08	142	276683	42.121	ng		98
38) 1-Methylnaphthalene	12.30	142	266747	41.912	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.45	216	235619	46.520	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.41	237	36706	21.569	ng		98
43) 2,4,6-Trichlorophenol	12.71	196	136200	43.453	ng		97
44) 2,4,5-Trichlorophenol	12.79	196	124192	42.430	ng		98
46) 1,1'-Biphenyl	13.11	154	396286	42.706	ng		98
47) 2-Chloronaphthalene	13.16	162	345618	43.937	ng		98
48) 2-Nitroaniline	13.39	65	85494	36.191	ng		93
49) Acenaphthylene	14.01	152	496263	41.484	ng		99
50) Dimethylphthalate	13.75	163	447407	41.923	ng		99
51) 2,6-Dinitrotoluene	13.89	165	91370	41.078	ng		94
52) Acenaphthene	14.35	154	306016	42.450	ng		99
53) 3-Nitroaniline	14.23	138	62595	33.491	ng		93
54) 2,4-Dinitrophenol	14.45	184	34352m	31.400	ng		
55) Dibenzofuran	14.69	168	538008	43.128	ng		98
56) 4-Nitrophenol	14.55	139	48554	38.276	ng		97
57) 2,4-Dinitrotoluene	14.68	165	124147	38.650	ng	#	88
58) Fluorene	15.34	166	430155	41.510	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	145873	42.830	ng		99
60) Diethylphthalate	15.12	149	432493	41.132	ng		98
61) 4-Chlorophenyl-phenylether	15.33	204	286122	43.250	ng		100
62) 4-Nitroaniline	15.40	138	59817m	31.993	ng		
63) Azobenzene	15.63	77	440422	43.045	ng		97
65) 4,6-Dinitro-2-methylphenol	15.44	198	50375	28.368	ng		95
66) n-Nitrosodiphenylamine	15.56	169	364513	42.911	ng		98
67) 4-Bromophenyl-phenylether	16.23	248	186789	44.757	ng		98
68) Hexachlorobenzene	16.33	284	240622	47.553	ng		98
69) Atrazine	16.52	200	136260	38.987	ng		98
70) Pentachlorophenol	16.69	266	114139	43.669	ng		98
71) Phenanthrene	17.08	178	727088	42.722	ng		100
72) Anthracene	17.17	178	670016	40.595	ng		100
73) Carbazole	17.46	167	548920	38.754	ng		99
74) Di-n-butylphthalate	18.00	149	721154	41.389	ng		99
75) Fluoranthene	19.10	202	982520	41.514	ng		99
77) Benzidine	19.32	184	218354m	32.386	ng		
78) Pyrene	19.47	202	1022307	44.386	ng		99
80) Butylbenzylphthalate	20.37	149	307671	38.019	ng		99
81) Benzo(a)anthracene	21.22	228	1070736	42.169	ng		100
82) 3,3'-Dichlorobenzidine	21.16	252	349032	37.661	ng		99
83) Chrysene	21.27	228	1051752	42.867	ng		100
84) Bis(2-ethylhexyl)phthalate	21.14	149	463771	39.320	ng		99
85) Di-n-octyl phthalate	22.01	149	800516	39.041	ng		100
86) Indeno(1,2,3-cd)pyrene	25.70	276	1322389	44.577	ng		99
88) Benzo(b)fluoranthene	22.79	252	1071784	41.015	ng		99
89) Benzo(k)fluoranthene	22.83	252	1136354	44.806	ng		99
90) Benzo(a)pyrene	23.36	252	1029709	42.821	ng		100
91) Dibenzo(a,h)anthracene	25.71	278	1096007	44.526	ng		97
92) Benzo(g,h,i)perylene	26.40	276	1048664	45.958	ng		99

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

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