Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
Data File : BM020623.D
Acq On : 30 May 2019 08:11
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
5/31/2019 8:12:23 AM

Quant Time: May 30 13:57:53 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	47785	20.00	ng		-0.01
21) Naphthalene-d8	10.41	136	168797	20.00	ng		0.00
39) Acenaphthene-d10	14.28	164	130730	20.00	ng		0.00
64) Phenanthrene-d10	17.04	188	355777	20.00	ng		0.00
76) Chrysene-d12	21.24	240	465016	20.00	ng		0.00
87) Perylene-d12	23.46	264	504901	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	223871	91.91	ng		0.00
7) Phenol-d6	6.80	99	300493	81.74	ng		0.00
23) Nitrobenzene-d5	8.79	82	380348	94.58	ng		0.00
42) 2,4,6-Tribromophenol	15.79	330	239948	91.61	ng		0.00
45) 2-Fluorobiphenyl	12.89	172	925998	88.88	ng		0.00
79) Terphenyl-d14	19.67	244	2244622	87.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	79348	62.253	ng		96
3) Pyridine	3.53	79	198878	52.569	ng		97
4) n-Nitrosodimethylamine	3.46	42	48120	53.235	ng		83
6) Aniline	6.96	93	196602	36.968	ng		99
8) 2-Chlorophenol	7.18	128	125924	42.278	ng		98
9) Benzaldehyde	6.78	77	96581	41.149	ng		97
10) Phenol	6.83	94	161169	40.597	ng		92
11) bis(2-Chloroethyl)ether	7.06	93	111300	37.569	ng		99
12) 1,3-Dichlorobenzene	7.50	146	168733	44.236	ng		97
13) 1,4-Dichlorobenzene	7.66	146	162030	42.498	ng		97
14) 1,2-Dichlorobenzene	7.96	146	166185	43.478	ng		98
15) Benzyl Alcohol	7.88	79	102186	30.038	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.15	45	70165	33.981	ng		91
17) 2-Methylphenol	8.07	107	96705	36.897	ng		97
18) Hexachloroethane	8.68	117	72296	46.810	ng		90
19) n-Nitroso-di-n-propylamine	8.43	70	118767	36.382	ng		97
20) 3+4-Methylphenols	8.40	107	128849	36.659	ng		93
22) Acetophenone	8.45	105	198790	42.768	ng	#	97
24) Nitrobenzene	8.83	77	184317	46.408	ng		94
25) Isophorone	9.35	82	311843	41.673	ng		99
26) 2-Nitrophenol	9.54	139	55465	37.848	ng		95
27) 2,4-Dimethylphenol	9.59	122	86939	39.825	ng		96
28) bis(2-Chloroethoxy)methane	9.84	93	152377	39.118	ng		97
29) 2,4-Dichlorophenol	10.06	162	125363	43.176	ng		98
30) 1,2,4-Trichlorobenzene	10.27	180	195592	49.268	ng		99
31) Naphthalene	10.46	128	382644	43.903	ng		99
32) Benzoic acid	9.69	122	7243m	13.983	ng		
33) 4-Chloroaniline	10.59	127	123611	35.534	ng		94
34) Hexachlorobutadiene	10.72	225	174618	59.160	ng		97
35) Caprolactam	11.41	113	32544m	34.056	ng		
36) 4-Chloro-3-methylphenol	11.72	107	121327	38.399	ng		97
37) 2-Methylnaphthalene	12.08	142	282751	42.466	ng		96
38) 1-Methylnaphthalene	12.30	142	280438	43.470	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.45	216	261182	47.526	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.41	237	53015	25.955	ng		99
43) 2,4,6-Trichlorophenol	12.70	196	143682	42.248	ng		99
44) 2,4,5-Trichlorophenol	12.78	196	130772	41.177	ng		98
46) 1,1'-Biphenyl	13.11	154	420228	41.737	ng		98
47) 2-Chloronaphthalene	13.15	162	360274	42.211	ng		99
48) 2-Nitroaniline	13.39	65	89305	35.044	ng		92
49) Acenaphthylene	14.00	152	531663	40.961	ng		98
50) Dimethylphthalate	13.75	163	472193	40.779	ng		99
51) 2,6-Dinitrotoluene	13.89	165	97779	40.515	ng		89
52) Acenaphthene	14.35	154	330398	42.240	ng		98
53) 3-Nitroaniline	14.22	138	66816	33.038	ng		94
54) 2,4-Dinitrophenol	14.46	184	14357	18.811	ng		90
55) Dibenzofuran	14.69	168	585580	43.263	ng		98
56) 4-Nitrophenol	14.54	139	49479	36.500	ng		89
57) 2,4-Dinitrotoluene	14.68	165	136694	39.222	ng	#	83
58) Fluorene	15.34	166	481023	42.782	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	164698	44.568	ng		99
60) Diethylphthalate	15.12	149	477763	41.877	ng		100
61) 4-Chlorophenyl-phenylether	15.33	204	333470	46.457	ng		98
62) 4-Nitroaniline	15.40	138	62416	30.767	ng	#	83
63) Azobenzene	15.63	77	497475	44.811	ng		96
65) 4,6-Dinitro-2-methylphenol	15.45	198	31098	18.312	ng		93
66) n-Nitrosodiphenylamine	15.56	169	410244	42.527	ng		98
67) 4-Bromophenyl-phenylether	16.23	248	215569	45.483	ng		98
68) Hexachlorobenzene	16.33	284	280123	48.747	ng		98
69) Atrazine	16.51	200	155117	39.082	ng		97
70) Pentachlorophenol	16.69	266	101221	34.101	ng		100
71) Phenanthrene	17.08	178	842941	43.613	ng		99
72) Anthracene	17.17	178	778287	41.523	ng		99
73) Carbazole	17.46	167	633512	39.384	ng		100
74) Di-n-butylphthalate	18.00	149	811426	41.007	ng		98
75) Fluoranthene	19.10	202	1166387	43.397	ng		99
77) Benzidine	19.32	184	187091	21.893	ng		98
78) Pyrene	19.47	202	1235627	42.325	ng		99
80) Butylbenzylphthalate	20.37	149	342511	33.391	ng		95
81) Benzo(a)anthracene	21.22	228	1373341	42.671	ng		100
82) 3,3'-Dichlorobenzidine	21.16	252	432629	36.829	ng		99
83) Chrysene	21.27	228	1348146	43.350	ng		99
84) Bis(2-ethylhexyl)phthalate	21.14	149	526868	35.242	ng		100
85) Di-n-octyl phthalate	22.02	149	921866	35.470	ng		99
86) Indeno(1,2,3-cd)pyrene	25.72	276	1761512	46.846	ng		98
88) Benzo(b)fluoranthene	22.79	252	1476380	44.676	ng		99
89) Benzo(k)fluoranthene	22.84	252	1422536	44.353	ng		99
90) Benzo(a)pyrene	23.37	252	1339150	44.036	ng		99
91) Dibenzo(a,h)anthracene	25.72	278	1477302	47.458	ng		99
92) Benzo(g,h,i)perylene	26.40	276	1386101	48.035	ng		98

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

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