Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
Data File : BM020614.D
Acq On : 30 May 2019 01:17
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
5/30/2019 8:16:54 AM

Quant Time: May 30 02:48:41 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	42949	20.00	ng		0.00
21) Naphthalene-d8	10.41	136	158976	20.00	ng		0.00
39) Acenaphthene-d10	14.28	164	120238	20.00	ng		0.00
64) Phenanthrene-d10	17.04	188	319848	20.00	ng		0.00
76) Chrysene-d12	21.23	240	392470	20.00	ng		0.00
87) Perylene-d12	23.46	264	424104	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	192921	88.12	ng		0.00
7) Phenol-d6	6.80	99	269527	81.57	ng		0.00
23) Nitrobenzene-d5	8.80	82	344299	90.90	ng		0.00
42) 2,4,6-Tribromophenol	15.79	330	215337	89.39	ng		0.00
45) 2-Fluorobiphenyl	12.90	172	834244	87.06	ng		0.00
79) Terphenyl-d14	19.67	244	1937418	89.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	64420	56.232	ng		98
3) Pyridine	3.53	79	160655	47.370	ng		99
4) n-Nitrosodimethylamine	3.46	42	43471	53.507	ng	#	91
6) Aniline	6.96	93	181637	38.000	ng		97
8) 2-Chlorophenol	7.19	128	112364	41.973	ng		98
9) Benzaldehyde	6.79	77	91777m	43.506	ng		
10) Phenol	6.83	94	145810	40.864	ng		93
11) bis(2-Chloroethyl)ether	7.06	93	99389	37.326	ng		100
12) 1,3-Dichlorobenzene	7.50	146	149648	43.650	ng		97
13) 1,4-Dichlorobenzene	7.66	146	143933	42.002	ng		99
14) 1,2-Dichlorobenzene	7.97	146	147751	43.007	ng		98
15) Benzyl Alcohol	7.87	79	109269m	35.736	ng		
16) 2,2'-oxybis(1-Chloropropan	8.16	45	65154	35.107	ng		86
17) 2-Methylphenol	8.07	107	89855	38.144	ng		96
18) Hexachloroethane	8.68	117	64231	46.271	ng		88
19) n-Nitroso-di-n-propylamine	8.43	70	110922	37.805	ng		98
20) 3+4-Methylphenols	8.40	107	119210	37.735	ng		93
22) Acetophenone	8.46	105	177505	40.547	ng		96
24) Nitrobenzene	8.84	77	167126	44.679	ng		95
25) Isophorone	9.35	82	296393	42.056	ng		99
26) 2-Nitrophenol	9.54	139	51851	37.568	ng		94
27) 2,4-Dimethylphenol	9.60	122	78287	38.077	ng		93
28) bis(2-Chloroethoxy)methane	9.84	93	143228	39.040	ng		97
29) 2,4-Dichlorophenol	10.07	162	115941	42.398	ng		95
30) 1,2,4-Trichlorobenzene	10.27	180	178294	47.685	ng		97
31) Naphthalene	10.46	128	353067	43.012	ng		99
32) Benzoic acid	9.73	122	16984m	19.843	ng		
33) 4-Chloroaniline	10.60	127	117822	35.962	ng		96
34) Hexachlorobutadiene	10.72	225	152596	54.893	ng		97
35) Caprolactam	11.41	113	30684	34.094	ng		95
36) 4-Chloro-3-methylphenol	11.72	107	116137	39.027	ng		99
37) 2-Methylnaphthalene	12.08	142	260557	41.550	ng		97
38) 1-Methylnaphthalene	12.30	142	257802	42.430	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.45	216	232587	46.016	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.41	237	40280	22.888	ng		98
43) 2,4,6-Trichlorophenol	12.71	196	132721	42.431	ng		99
44) 2,4,5-Trichlorophenol	12.78	196	119123	40.782	ng		98
46) 1,1'-Biphenyl	13.11	154	384755	41.549	ng		99
47) 2-Chloronaphthalene	13.16	162	333501	42.484	ng		98
48) 2-Nitroaniline	13.39	65	81791	34.919	ng		92
49) Acenaphthylene	14.01	152	488963	40.958	ng		99
50) Dimethylphthalate	13.75	163	441078	41.415	ng		99
51) 2,6-Dinitrotoluene	13.89	165	89159	40.167	ng		87
52) Acenaphthene	14.35	154	303768	42.225	ng		99
53) 3-Nitroaniline	14.23	138	61260	32.951	ng		95
54) 2,4-Dinitrophenol	14.44	184	43211	36.733	ng		95
55) Dibenzofuran	14.69	168	539843	43.364	ng		97
56) 4-Nitrophenol	14.54	139	49184	38.717	ng		90
57) 2,4-Dinitrotoluene	14.68	165	126074	39.331	ng	#	86
58) Fluorene	15.34	166	434250	41.992	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	150053	44.148	ng		99
60) Diethylphthalate	15.12	149	437899	41.732	ng		99
61) 4-Chlorophenyl-phenylether	15.33	204	295844	44.811	ng		98
62) 4-Nitroaniline	15.40	138	60237m	32.284	ng		
63) Azobenzene	15.63	77	454764	44.539	ng		97
65) 4,6-Dinitro-2-methylphenol	15.44	198	59482	31.817	ng		98
66) n-Nitrosodiphenylamine	15.56	169	370845	42.761	ng		97
67) 4-Bromophenyl-phenylether	16.23	248	193867	45.499	ng		97
68) Hexachlorobenzene	16.33	284	248881	48.175	ng		99
69) Atrazine	16.52	200	140734	39.441	ng		95
70) Pentachlorophenol	16.69	266	123279	46.198	ng		99
71) Phenanthrene	17.08	178	748976	43.104	ng		100
72) Anthracene	17.17	178	695697	41.286	ng		100
73) Carbazole	17.46	167	572514	39.590	ng		99
74) Di-n-butylphthalate	18.00	149	739797	41.587	ng		99
75) Fluoranthene	19.10	202	1034951	42.832	ng		99
77) Benzidine	19.32	184	225697m	31.292	ng		
78) Pyrene	19.47	202	1074663	43.616	ng		100
80) Butylbenzylphthalate	20.37	149	316828	36.596	ng		96
81) Benzo(a)anthracene	21.22	228	1135796	41.814	ng		99
82) 3,3'-Dichlorobenzidine	21.16	252	382898	38.620	ng		98
83) Chrysene	21.27	228	1141265	43.481	ng		99
84) Bis(2-ethylhexyl)phthalate	21.14	149	476964	37.801	ng		99
85) Di-n-octyl phthalate	22.01	149	842425	38.405	ng		100
86) Indeno(1,2,3-cd)pyrene	25.70	276	1435191	45.223	ng		99
88) Benzo(b)fluoranthene	22.79	252	1193979	43.014	ng		98
89) Benzo(k)fluoranthene	22.83	252	1212632	45.012	ng		99
90) Benzo(a)pyrene	23.36	252	1120490	43.866	ng		99
91) Dibenzo(a,h)anthracene	25.71	278	1201800	45.963	ng		99
92) Benzo(g,h,i)perylene	26.39	276	1140090	47.037	ng		98

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

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