Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041795.D
Acq On : 30 Jul 2019 8:51
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
8/1/2019 5:04:43 PM

Quant Time: Jul 31 01:30:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 07:53:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	100033	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	417701	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	291638	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	646371	20.00	ng		0.00
76) Chrysene-d12	21.74	240	634853	20.00	ng		0.00
87) Perylene-d12	25.01	264	736635	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	412646	80.26	ng		0.00
7) Phenol-d6	7.19	99	554811	80.04	ng		0.00
23) Nitrobenzene-d5	9.21	82	506548	83.45	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	276731	83.54	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	1347634	81.50	ng		0.00
79) Terphenyl-d14	20.07	244	2112272	76.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	97870	40.443	ng		90
3) Pyridine	3.87	79	268467	40.456	ng		89
4) n-Nitrosodimethylamine	3.79	42	101562	38.607	ng		92
6) Aniline	7.36	93	382601	39.200	ng		94
8) 2-Chlorophenol	7.61	128	234959	39.909	ng		93
9) Benzaldehyde	7.17	77	189894	38.934	ng		96
10) Phenol	7.22	94	288522	40.010	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	234450	39.548	ng		93
12) 1,3-Dichlorobenzene	7.93	146	297742	38.748	ng		98
13) 1,4-Dichlorobenzene	8.08	146	298706	38.850	ng		96
14) 1,2-Dichlorobenzene	8.40	146	286023	38.986	ng		96
15) Benzyl Alcohol	8.28	79	215465	39.512	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	405732	38.469	ng		97
17) 2-Methylphenol	8.49	107	203664	38.835	ng		98
18) Hexachloroethane	9.14	117	105356	40.014	ng		93
19) n-Nitroso-di-n-propylamine	8.86	70	192348	38.222	ng		90
20) 3+4-Methylphenols	8.82	107	284287	39.613	ng		98
22) Acetophenone	8.87	105	364965	39.063	ng	#	94
24) Nitrobenzene	9.25	77	264999	41.441	ng		100
25) Isophorone	9.79	82	518119	39.240	ng		99
26) 2-Nitrophenol	9.97	139	123352	41.564	ng		94
27) 2,4-Dimethylphenol	10.03	122	211569	40.392	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	327815	39.729	ng		99
29) 2,4-Dichlorophenol	10.51	162	256078	40.146	ng		99
30) 1,2,4-Trichlorobenzene	10.73	180	320919	39.675	ng		99
31) Naphthalene	10.92	128	763020	39.913	ng		99
32) Benzoic acid	10.17	122	119482	34.853	ng		99
33) 4-Chloroaniline	11.02	127	355536	39.217	ng		98
34) Hexachlorobutadiene	11.22	225	217123	39.772	ng		99
35) Caprolactam	11.79	113	88773	40.046	ng	#	83
36) 4-Chloro-3-methylphenol	12.14	107	256855	40.616	ng		97
37) 2-Methylnaphthalene	12.53	142	602904	39.844	ng		99
38) 1-Methylnaphthalene	12.75	142	570132	39.758	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	370823	40.169	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	214879	41.401	ng		97
43) 2,4,6-Trichlorophenol	13.13	196	244345	41.878	ng		99
44) 2,4,5-Trichlorophenol	13.20	196	258437	42.623	ng		93
46) 1,1'-Biphenyl	13.53	154	768278	40.981	ng		97
47) 2-Chloronaphthalene	13.57	162	649133	40.669	ng		97
48) 2-Nitroaniline	13.77	65	179817	44.420	ng		90
49) Acenaphthylene	14.43	152	971319	40.682	ng		97
50) Dimethylphthalate	14.15	163	824502	41.396	ng		100
51) 2,6-Dinitrotoluene	14.27	165	183829	44.139	ng		89
52) Acenaphthene	14.77	154	630108	40.577	ng		98
53) 3-Nitroaniline	14.60	138	194437	43.639	ng	#	88
54) 2,4-Dinitrophenol	14.80	184	85890	42.019	ng		91
55) Dibenzofuran	15.10	168	967622	40.739	ng		95
56) 4-Nitrophenol	14.90	139	146609	43.348	ng		91
57) 2,4-Dinitrotoluene	15.05	165	254546	44.443	ng		96
58) Fluorene	15.75	166	773048	40.556	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	246128	40.985	ng	#	93
60) Diethylphthalate	15.52	149	809534	41.399	ng		100
61) 4-Chlorophenyl-phenylether	15.74	204	464016	39.876	ng		95
62) 4-Nitroaniline	15.76	138	207148	42.923	ng		96
63) Azobenzene	16.04	77	647455	40.533	ng		95
65) 4,6-Dinitro-2-methylphenol	15.82	198	129053	41.822	ng		90
66) n-Nitrosodiphenylamine	15.95	169	715758	40.653	ng		97
67) 4-Bromophenyl-phenylether	16.64	248	316465	39.747	ng		97
68) Hexachlorobenzene	16.76	284	328637	39.454	ng		96
69) Atrazine	16.91	200	281643	40.713	ng		98
70) Pentachlorophenol	17.10	266	195867	41.393	ng		99
71) Phenanthrene	17.49	178	1268043	40.928	ng		95
72) Anthracene	17.59	178	1265241	40.946	ng		96
73) Carbazole	17.85	167	1138124	41.037	ng		96
74) Di-n-butylphthalate	18.42	149	1331913	42.361	ng		97
75) Fluoranthene	19.51	202	1546799	41.073	ng		93
77) Benzidine	19.68	184	851868	41.110	ng		99
78) Pyrene	19.87	202	1545823	41.097	ng		94
80) Butylbenzylphthalate	20.75	149	609696	42.277	ng		93
81) Benzo(a)anthracene	21.72	228	1529188	40.712	ng		94
82) 3,3'-Dichlorobenzidine	21.63	252	618569	41.018	ng		99
83) Chrysene	21.79	228	1465626	40.707	ng		94
84) Bis(2-ethylhexyl)phthalate	21.64	149	843163	42.385	ng		97
85) Di-n-octyl phthalate	22.88	149	1417383	42.337	ng	#	91
86) Indeno(1,2,3-cd)pyrene	28.76	276	1879635	39.437	ng	#	89
88) Benzo(b)fluoranthene	23.97	252	1640573m	40.712	ng		
89) Benzo(k)fluoranthene	24.05	252	1576124	40.152	ng	#	96
90) Benzo(a)pyrene	24.86	252	1557774	40.307	ng	#	96
91) Dibenzo(a,h)anthracene	28.83	278	1526963	40.238	ng	#	95
92) Benzo(g,h,i)perylene	29.93	276	1512902	39.904	ng		96

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

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