Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG043019\
Data File : BG040672.D
Acq On : 30 Apr 2019 15:10
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 30 15:46:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	51987	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	212645	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	149070	20.00	ng		-0.01
64) Phenanthrene-d10	17.52	188	386163	20.00	ng		-0.01
76) Chrysene-d12	21.81	240	375085	20.00	ng		-0.02
87) Perylene-d12	25.16	264	410723	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	239904	81.35	ng		0.00
7) Phenol-d6	7.29	99	357077	78.64	ng		0.00
23) Nitrobenzene-d5	9.33	82	411945	89.51	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	175512	85.66	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	832190	80.62	ng		-0.01
79) Terphenyl-d14	20.11	244	1484561	87.68	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	55042	41.038	ng	#	82
3) Pyridine	3.96	79	159707	41.081	ng		99
4) n-Nitrosodimethylamine	3.88	42	91907	42.622	ng		88
6) Aniline	7.47	93	230772	38.342	ng		96
8) 2-Chlorophenol	7.71	128	136994	38.043	ng		95
9) Benzaldehyde	7.29	77	116544	43.971	ng		97
10) Phenol	7.31	94	192233	39.382	ng		90
11) bis(2-Chloroethyl)ether	7.56	93	147696	40.350	ng		97
12) 1,3-Dichlorobenzene	8.03	146	157520	40.076	ng		99
13) 1,4-Dichlorobenzene	8.19	146	159526	40.037	ng		98
14) 1,2-Dichlorobenzene	8.50	146	152772	39.758	ng		95
15) Benzyl Alcohol	8.39	79	175730	37.193	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	265829	36.477	ng		98
17) 2-Methylphenol	8.57	107	130896	37.893	ng		94
18) Hexachloroethane	9.24	117	62944	38.510	ng		95
19) n-Nitroso-di-n-propylamine	8.96	70	147101	35.987	ng		99
20) 3+4-Methylphenols	8.90	107	180223	37.451	ng		97
22) Acetophenone	8.98	105	244621	41.369	ng	#	99
24) Nitrobenzene	9.37	77	219017	44.605	ng		95
25) Isophorone	9.89	82	405591	39.565	ng		100
26) 2-Nitrophenol	10.08	139	86425	49.103	ng		95
27) 2,4-Dimethylphenol	10.12	122	127271	38.539	ng		92
28) bis(2-Chloroethoxy)methane	10.37	93	205115	39.881	ng		98
29) 2,4-Dichlorophenol	10.61	162	154036	41.028	ng		95
30) 1,2,4-Trichlorobenzene	10.83	180	175625	42.183	ng		99
31) Naphthalene	11.02	128	462681	40.955	ng		99
32) Benzoic acid	10.24	122	107707	47.642	ng		96
33) 4-Chloroaniline	11.13	127	200477	40.024	ng		97
34) Hexachlorobutadiene	11.29	225	134625	43.799	ng		100
35) Caprolactam	11.92	113	57048	38.487	ng		91
36) 4-Chloro-3-methylphenol	12.23	107	191516	40.436	ng		99
37) 2-Methylnaphthalene	12.62	142	339290	40.169	ng		99
38) 1-Methylnaphthalene	12.83	142	327618	39.682	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	232569	41.880	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	121554	37.095	ng		98
43) 2,4,6-Trichlorophenol	13.21	196	142181	42.368	ng		98
44) 2,4,5-Trichlorophenol	13.28	196	154126	42.160	ng		99
46) 1,1'-Biphenyl	13.62	154	456391	39.433	ng		97
47) 2-Chloronaphthalene	13.66	162	363324	40.112	ng		98
48) 2-Nitroaniline	13.87	65	149175	46.268	ng		99
49) Acenaphthylene	14.50	152	606291	39.453	ng		100
50) Dimethylphthalate	14.23	163	493706	39.584	ng		99
51) 2,6-Dinitrotoluene	14.36	165	109097	44.818	ng		93
52) Acenaphthene	14.84	154	347991	38.884	ng		95
53) 3-Nitroaniline	14.69	138	110280	44.216	ng		99
54) 2,4-Dinitrophenol	14.89	184	55070	43.610	ng	#	84
55) Dibenzofuran	15.18	168	581599	39.677	ng		98
56) 4-Nitrophenol	14.97	139	89848	41.544	ng		96
57) 2,4-Dinitrotoluene	15.14	165	156516	47.318	ng		96
58) Fluorene	15.83	166	467561	39.464	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	155955	42.384	ng		99
60) Diethylphthalate	15.58	149	509879	38.746	ng		99
61) 4-Chlorophenyl-phenylether	15.81	204	281681	40.878	ng		96
62) 4-Nitroaniline	15.85	138	121793	43.653	ng		96
63) Azobenzene	16.10	77	519898	38.363	ng		99
65) 4,6-Dinitro-2-methylphenol	15.89	198	83883	44.665	ng		94
66) n-Nitrosodiphenylamine	16.02	169	421417	37.092	ng		98
67) 4-Bromophenyl-phenylether	16.71	248	186212	38.705	ng		98
68) Hexachlorobenzene	16.81	284	189522	38.098	ng		95
69) Atrazine	16.97	200	168236	37.375	ng		97
70) Pentachlorophenol	17.16	266	124804	42.873	ng		98
71) Phenanthrene	17.56	178	801709	38.544	ng		99
72) Anthracene	17.66	178	809277	38.708	ng		99
73) Carbazole	17.93	167	723220	37.968	ng		98
74) Di-n-butylphthalate	18.46	149	862344	37.508	ng		98
75) Fluoranthene	19.57	202	1031557	39.798	ng		98
77) Benzidine	19.74	184	436169	42.470	ng		99
78) Pyrene	19.93	202	1040968	44.280	ng		99
80) Butylbenzylphthalate	20.80	149	387740	42.318	ng		97
81) Benzo(a)anthracene	21.79	228	1029018	43.408	ng		99
82) 3,3'-Dichlorobenzidine	21.69	252	349326	41.344	ng		98
83) Chrysene	21.85	228	991135	43.963	ng		99
84) Bis(2-ethylhexyl)phthalate	21.67	149	543008	41.055	ng		96
85) Di-n-octyl phthalate	22.92	149	915406	41.096	ng		99
86) Indeno(1,2,3-cd)pyrene	29.03	276	1154768	42.365	ng	#	92
88) Benzo(b)fluoranthene	24.09	252	1011997	40.321	ng		99
89) Benzo(k)fluoranthene	24.16	252	931476	39.739	ng		98
90) Benzo(a)pyrene	25.01	252	945030	39.777	ng	#	98
91) Dibenzo(a,h)anthracene	29.11	278	920025	38.267	ng		98
92) Benzo(g,h,i)perylene	30.24	276	924787	38.649	ng		98

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

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