Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
Data File : BG041128.D
Acq On : 8 Jun 2019 11:42
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 09 23:11:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	38924	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	186397	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	143131	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	360768	20.00	ng		0.00
76) Chrysene-d12	21.76	240	365202	20.00	ng		0.00
87) Perylene-d12	25.09	264	390938	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	171007	79.22	ng		0.00
7) Phenol-d6	7.25	99	274274	82.27	ng		0.00
23) Nitrobenzene-d5	9.28	82	334445	79.65	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	166833	78.51	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	793229	79.81	ng		0.00
79) Terphenyl-d14	20.07	244	1380214	80.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	36112	36.867	ng		99
3) Pyridine	3.91	79	117679	40.601	ng		97
4) n-Nitrosodimethylamine	3.83	42	58958	43.829	ng		93
6) Aniline	7.43	93	193682	43.526	ng		100
8) 2-Chlorophenol	7.66	128	104980	40.794	ng		93
9) Benzaldehyde	7.24	77	85581	43.034	ng		93
10) Phenol	7.28	94	146748	41.055	ng		95
11) bis(2-Chloroethyl)ether	7.52	93	108498	41.842	ng		99
12) 1,3-Dichlorobenzene	7.99	146	124915	40.641	ng		97
13) 1,4-Dichlorobenzene	8.14	146	127869	41.100	ng		98
14) 1,2-Dichlorobenzene	8.46	146	122125	40.428	ng		98
15) Benzyl Alcohol	8.34	79	134224	43.525	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.63	45	171647	40.509	ng		97
17) 2-Methylphenol	8.53	107	107767	41.640	ng		98
18) Hexachloroethane	9.19	117	49910	41.623	ng		97
19) n-Nitroso-di-n-propylamine	8.91	70	113714	44.325	ng		97
20) 3+4-Methylphenols	8.87	107	148005	41.285	ng		97
22) Acetophenone	8.93	105	204384	39.088	ng	#	97
24) Nitrobenzene	9.33	77	169381	39.586	ng		97
25) Isophorone	9.84	82	322763	40.393	ng		100
26) 2-Nitrophenol	10.04	139	70080	39.729	ng	#	90
27) 2,4-Dimethylphenol	10.08	122	113216	38.862	ng		95
28) bis(2-Chloroethoxy)methane	10.32	93	168233	39.009	ng		97
29) 2,4-Dichlorophenol	10.57	162	140525	37.985	ng		95
30) 1,2,4-Trichlorobenzene	10.78	180	164392	39.061	ng		95
31) Naphthalene	10.98	128	393069	39.276	ng		100
32) Benzoic acid	10.22	122	86310	39.778	ng		97
33) 4-Chloroaniline	11.09	127	186065	40.070	ng		97
34) Hexachlorobutadiene	11.24	225	122941	38.178	ng		98
35) Caprolactam	11.88	113	50733	41.527	ng		90
36) 4-Chloro-3-methylphenol	12.19	107	164728	38.988	ng		99
37) 2-Methylnaphthalene	12.57	142	304103	39.454	ng		99
38) 1-Methylnaphthalene	12.79	142	290268	39.963	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	225404	39.072	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	118768	42.592	ng		97
43) 2,4,6-Trichlorophenol	13.17	196	150127	40.227	ng		99
44) 2,4,5-Trichlorophenol	13.24	196	149755	38.048	ng		99
46) 1,1'-Biphenyl	13.57	154	418372	39.488	ng		99
47) 2-Chloronaphthalene	13.62	162	362135	39.815	ng		97
48) 2-Nitroaniline	13.83	65	135516	41.531	ng		98
49) Acenaphthylene	14.46	152	544998	39.812	ng		100
50) Dimethylphthalate	14.19	163	481756	39.762	ng		99
51) 2,6-Dinitrotoluene	14.32	165	104336	39.940	ng		97
52) Acenaphthene	14.80	154	326063	39.318	ng		98
53) 3-Nitroaniline	14.65	138	106656	40.829	ng		97
54) 2,4-Dinitrophenol	14.86	184	57917	51.464	ng		96
55) Dibenzofuran	15.13	168	563514	40.384	ng		97
56) 4-Nitrophenol	14.94	139	74981	41.848	ng		91
57) 2,4-Dinitrotoluene	15.10	165	151469	41.047	ng		96
58) Fluorene	15.78	166	444474	39.997	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	153764	39.753	ng		99
60) Diethylphthalate	15.54	149	486096	39.313	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	288117	39.888	ng		95
62) 4-Nitroaniline	15.81	138	114833	41.523	ng		97
63) Azobenzene	16.06	77	439271	39.087	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	87007	45.542	ng		95
66) n-Nitrosodiphenylamine	15.98	169	396612	39.107	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	186099	38.224	ng		96
68) Hexachlorobenzene	16.78	284	197808	38.154	ng		98
69) Atrazine	16.92	200	152220	38.899	ng		97
70) Pentachlorophenol	17.12	266	108774	41.338	ng		92
71) Phenanthrene	17.52	178	750798	39.953	ng		99
72) Anthracene	17.61	178	748311	40.375	ng		100
73) Carbazole	17.89	167	645882	40.614	ng		98
74) Di-n-butylphthalate	18.42	149	779671	39.447	ng		98
75) Fluoranthene	19.53	202	946735	40.788	ng		99
77) Benzidine	19.71	184	379663	43.579	ng		97
78) Pyrene	19.89	202	953080	40.146	ng		99
80) Butylbenzylphthalate	20.75	149	368110	39.844	ng		96
81) Benzo(a)anthracene	21.74	228	969177	39.867	ng		98
82) 3,3'-Dichlorobenzidine	21.65	252	357755	41.841	ng		98
83) Chrysene	21.81	228	919562	39.528	ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	505810	38.892	ng		99
85) Di-n-octyl phthalate	22.85	149	859226	39.669	ng		100
86) Indeno(1,2,3-cd)pyrene	28.90	276	1119374	39.280	ng	#	99
88) Benzo(b)fluoranthene	24.02	252	946791	39.929	ng		99
89) Benzo(k)fluoranthene	24.09	252	941956	40.144	ng		98
90) Benzo(a)pyrene	24.93	252	901706	39.859	ng		97
91) Dibenzo(a,h)anthracene	28.96	278	907896	40.164	ng		100
92) Benzo(g,h,i)perylene	30.11	276	894193	40.717	ng		99

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

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