Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
Data File : BG042737.D
Acq On : 6 Sep 2019 3:03
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 06 03:43:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	43560	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	164162	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	119021	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	282282	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	317184	20.00	ng	0.00
87) Perylene-d12	24.93	264	387343	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	162581	75.59	ng	-0.01
7) Phenol-d6	7.17	99	209555	72.13	ng	0.00
23) Nitrobenzene-d5	9.17	82	184498	77.66	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	143422	84.78	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	598807	85.09	ng	0.00
79) Terphenyl-d14	20.02	244	1179535	80.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	30642	34.139	ng	100
3) Pyridine	3.82	79	80095	34.800	ng	99
4) n-Nitrosodimethylamine	3.74	42	33393	40.622	ng	86
6) Aniline	7.32	93	132535	34.203	ng	99
8) 2-Chlorophenol	7.56	128	97378	37.358	ng	99
9) Benzaldehyde	7.13	77	51585	35.466	ng	96
10) Phenol	7.19	94	105315	35.653	ng	92
11) bis(2-Chloroethyl)ether	7.41	93	78818	33.975	ng	99
12) 1,3-Dichlorobenzene	7.89	146	129954	39.191	ng	99
13) 1,4-Dichlorobenzene	8.03	146	130380	38.817	ng	99
14) 1,2-Dichlorobenzene	8.35	146	123534	38.406	ng	98
15) Benzyl Alcohol	8.24	79	73957	35.383	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	99631	31.686	ng	99
17) 2-Methylphenol	8.45	107	75578	34.737	ng	94
18) Hexachloroethane	9.09	117	43864	38.147	ng	88
19) n-Nitroso-di-n-propylamine	8.81	70	60804	32.305	ng	95
20) 3+4-Methylphenols	8.78	107	102748	34.128	ng	96
22) Acetophenone	8.82	105	137060	39.036	ng	98
24) Nitrobenzene	9.21	77	91304	37.955	ng	100
25) Isophorone	9.73	82	168085	35.852	ng	99
26) 2-Nitrophenol	9.93	139	60281	39.987	ng	97
27) 2,4-Dimethylphenol	9.99	122	78599	37.850	ng	96
28) bis(2-Chloroethoxy)methane	10.22	93	107765	36.470	ng	99
29) 2,4-Dichlorophenol	10.47	162	112217	41.303	ng	97
30) 1,2,4-Trichlorobenzene	10.68	180	142462	42.719	ng	97
31) Naphthalene	10.87	128	299843	39.341	ng	99
32) Benzoic acid	10.17	122	37580	28.861	ng	95
33) 4-Chloroaniline	10.98	127	133280	37.881	ng	98
34) Hexachlorobutadiene	11.16	225	102788	45.862	ng	99
35) Caprolactam	11.77	113	31087	34.290	ng	92
36) 4-Chloro-3-methylphenol	12.11	107	97125	37.658	ng	100
37) 2-Methylnaphthalene	12.48	142	242042	39.551	ng	98
38) 1-Methylnaphthalene	12.70	142	227117	39.070	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	167248	43.757	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	96181	47.905 ng		100
43) 2,4,6-Trichlorophenol	13.09	196	103337	39.998 ng		97
44) 2,4,5-Trichlorophenol	13.18	196	107337	40.092 ng		96
46) 1,1'-Biphenyl	13.49	154	313581	40.759 ng		99
47) 2-Chloronaphthalene	13.54	162	270320	40.748 ng		99
48) 2-Nitroaniline	13.74	65	58409	36.512 ng		93
49) Acenaphthylene	14.38	152	398758	39.954 ng		99
50) Dimethylphthalate	14.11	163	343246	39.969 ng		99
51) 2,6-Dinitrotoluene	14.23	165	77221	38.793 ng		97
52) Acenaphthene	14.72	154	238480	39.351 ng		99
53) 3-Nitroaniline	14.56	138	75536	37.943 ng		98
54) 2,4-Dinitrophenol	14.78	184	44881	37.091 ng		98
55) Dibenzofuran	15.06	168	410152	40.886 ng		99
56) 4-Nitrophenol	14.89	139	48798	34.496 ng		93
57) 2,4-Dinitrotoluene	15.03	165	114348	40.115 ng		96
58) Fluorene	15.71	166	332161	40.506 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	105788	39.956 ng		97
60) Diethylphthalate	15.47	149	327671	39.031 ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	205930	41.659 ng		98
62) 4-Nitroaniline	15.73	138	83387	39.137 ng		92
63) Azobenzene	15.99	77	206827	35.954 ng		94
65) 4,6-Dinitro-2-methylphenol	15.80	198	65715	37.132 ng		98
66) n-Nitrosodiphenylamine	15.91	169	303230	39.061 ng		99
67) 4-Bromophenyl-phenylether	16.59	248	145422	40.614 ng		98
68) Hexachlorobenzene	16.72	284	161663	41.534 ng		99
69) Atrazine	16.86	200	106056	38.633 ng		98
70) Pentachlorophenol	17.07	266	67436	33.345 ng		98
71) Phenanthrene	17.45	178	575114	41.017 ng		98
72) Anthracene	17.54	178	573153	40.947 ng		98
73) Carbazole	17.81	167	510153	40.893 ng		98
74) Di-n-butylphthalate	18.37	149	599095	40.625 ng		100
75) Fluoranthene	19.46	202	758425	44.321 ng		97
77) Benzidine	19.64	184	363629	39.986 ng		98
78) Pyrene	19.83	202	768352	39.511 ng		97
80) Butylbenzylphthalate	20.70	149	291224	38.075 ng		98
81) Benzo(a)anthracene	21.67	228	791668	41.030 ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	310534	40.017 ng		99
83) Chrysene	21.74	228	764219	41.069 ng		100
84) Bis(2-ethylhexyl)phthalate	21.57	149	411025	38.704 ng		99
85) Di-n-octyl phthalate	22.78	149	708130	38.769 ng		99
86) Indeno(1,2,3-cd)pyrene	28.66	276	1020424	40.352 ng		98
88) Benzo(b)fluoranthene	23.91	252	884731	41.547 ng	#	98
89) Benzo(k)fluoranthene	23.97	252	824251	40.269 ng	#	99
90) Benzo(a)pyrene	24.78	252	826729	40.913 ng	#	98
91) Dibenzo(a,h)anthracene	28.71	278	829492	40.543 ng	#	98
92) Benzo(g,h,i)perylene	29.82	276	827517	40.440 ng		96

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

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