Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
Data File : BG042348.D
Acq On : 20 Aug 2019 6:07
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Aug 21 03:19:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 13:40:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	74960	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	304873	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	217585	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	479422	20.00	ng		0.00
76) Chrysene-d12	21.70	240	468494	20.00	ng		0.00
87) Perylene-d12	24.93	264	569969	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	312573	84.49	ng		0.00
7) Phenol-d6	7.17	99	428162	85.21	ng		0.00
23) Nitrobenzene-d5	9.18	82	361276	83.34	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	238355	80.43	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1063897	82.74	ng		0.00
79) Terphenyl-d14	20.03	244	1706833	79.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	62118	38.933	ng		100
3) Pyridine	3.83	79	166122	40.647	ng		99
4) n-Nitrosodimethylamine	3.74	42	57859	41.121	ng		95
6) Aniline	7.33	93	259165	39.082	ng		98
8) 2-Chlorophenol	7.57	128	189239	42.075	ng		98
9) Benzaldehyde	7.14	77	114603	40.548	ng		97
10) Phenol	7.20	94	217385	42.554	ng		98
11) bis(2-Chloroethyl)ether	7.42	93	162981	40.393	ng		100
12) 1,3-Dichlorobenzene	7.90	146	229334	40.064	ng		98
13) 1,4-Dichlorobenzene	8.04	146	230117	39.913	ng		98
14) 1,2-Dichlorobenzene	8.37	146	218661	39.741	ng		100
15) Benzyl Alcohol	8.25	79	143115	41.414	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	221355	39.783	ng		100
17) 2-Methylphenol	8.46	107	152179	40.289	ng		97
18) Hexachloroethane	9.10	117	76964	38.841	ng		99
19) n-Nitroso-di-n-propylamine	8.82	70	129618	40.106	ng		98
20) 3+4-Methylphenols	8.79	107	214132	40.977	ng		100
22) Acetophenone	8.83	105	264956	40.901	ng	#	98
24) Nitrobenzene	9.22	77	186703	42.271	ng		98
25) Isophorone	9.74	82	353500	40.783	ng		99
26) 2-Nitrophenol	9.93	139	118490	43.154	ng		97
27) 2,4-Dimethylphenol	10.00	122	159812	41.955	ng		97
28) bis(2-Chloroethoxy)methane	10.23	93	229297	41.069	ng		99
29) 2,4-Dichlorophenol	10.48	162	213110	42.077	ng		97
30) 1,2,4-Trichlorobenzene	10.69	180	248973	40.215	ng		99
31) Naphthalene	10.88	128	591018	41.832	ng		98
32) Benzoic acid	10.16	122	103521	39.108	ng		99
33) 4-Chloroaniline	10.99	127	259759	40.319	ng		99
34) Hexachlorobutadiene	11.17	225	163401	39.384	ng		99
35) Caprolactam	11.77	113	68753	42.592	ng		98
36) 4-Chloro-3-methylphenol	12.12	107	201370	42.536	ng		95
37) 2-Methylnaphthalene	12.49	142	466015	41.148	ng		99
38) 1-Methylnaphthalene	12.71	142	444917	41.242	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	287477	40.990	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	107475	30.810 ng	96
43) 2,4,6-Trichlorophenol	13.10	196	186805	39.796 ng	96
44) 2,4,5-Trichlorophenol	13.18	196	203034	41.995 ng	99
46) 1,1'-Biphenyl	13.49	154	590047	41.565 ng	98
47) 2-Chloronaphthalene	13.54	162	501599	41.448 ng	99
48) 2-Nitroaniline	13.74	65	120125	41.999 ng	98
49) Acenaphthylene	14.39	152	769512	42.297 ng	99
50) Dimethylphthalate	14.12	163	633328	40.963 ng	100
51) 2,6-Dinitrotoluene	14.24	165	151329	41.820 ng	99
52) Acenaphthene	14.73	154	461257	41.561 ng	98
53) 3-Nitroaniline	14.56	138	145835	40.988 ng	100
54) 2,4-Dinitrophenol	14.78	184	35633	20.507 ng	99
55) Dibenzofuran	15.06	168	762023	42.153 ng	99
56) 4-Nitrophenol	14.89	139	106691	41.565 ng	97
57) 2,4-Dinitrotoluene	15.03	165	213671	42.234 ng	99
58) Fluorene	15.72	166	613954	41.749 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	183460	39.071 ng	99
60) Diethylphthalate	15.48	149	614335	41.070 ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	361940	40.985 ng	100
62) 4-Nitroaniline	15.73	138	158992	42.286 ng	98
63) Azobenzene	16.00	77	434764	41.708 ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	81599	27.895 ng	98
66) n-Nitrosodiphenylamine	15.92	169	562706	41.945 ng	99
67) 4-Bromophenyl-phenylether	16.60	248	250331	41.031 ng	98
68) Hexachlorobenzene	16.73	284	265127	40.568 ng	97
69) Atrazine	16.87	200	150042	32.630 ng	99
70) Pentachlorophenol	17.07	266	128718	37.000 ng	100
71) Phenanthrene	17.46	178	1001988	41.964 ng	100
72) Anthracene	17.55	178	997549	41.890 ng	99
73) Carbazole	17.82	167	905923	42.826 ng	99
74) Di-n-butylphthalate	18.38	149	1039403	42.123 ng	99
75) Fluoranthene	19.47	202	1214259	42.172 ng	98
77) Benzidine	19.65	184	501072	40.339 ng	99
78) Pyrene	19.83	202	1206807	41.863 ng	99
80) Butylbenzylphthalate	20.72	149	480019	42.014 ng	98
81) Benzo(a)anthracene	21.67	228	1205797	41.911 ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	460022	40.172 ng	99
83) Chrysene	21.74	228	1158491	42.093 ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	674000	42.310 ng	99
85) Di-n-octyl phthalate	22.80	149	1155044	42.508 ng	100
86) Indeno(1,2,3-cd)pyrene	28.64	276	1543896	42.013 ng	99
88) Benzo(b)fluoranthene	23.91	252	1303893	41.620 ng	99
89) Benzo(k)fluoranthene	23.98	252	1266125	41.344 ng	99
90) Benzo(a)pyrene	24.79	252	1247542	41.558 ng	98
91) Dibenzo(a,h)anthracene	28.71	278	1240146	41.410 ng	97
92) Benzo(g,h,i)perylene	29.80	276	1253429	42.001 ng	100

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

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