Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091720\
Data File : BG046662.D
Acq On : 17 Sep 2020 15:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 17 15:58:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 17 14:27:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	53157	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	226421	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	169673	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	410574	20.00	ng	0.00
76) Chrysene-d12	21.55	240	399486	20.00	ng	0.00
86) Perylene-d12	24.64	264	405981	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	239777	79.89	ng	0.00
7) Phenol-d6	7.09	99	366803	86.21	ng	0.00
23) Nitrobenzene-d5	9.07	82	327651	82.71	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	188271	81.89	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	905815	81.50	ng	0.00
79) Terphenyl-d14	19.91	244	1528928	81.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	46963	37.612	ng	99
3) Pyridine	3.80	79	150289	41.139	ng	100
4) n-Nitrosodimethylamine	3.72	42	56924	42.248	ng	98
6) Aniline	7.25	93	206984	43.233	ng	99
8) 2-Chlorophenol	7.49	128	132276	41.701	ng	96
9) Benzaldehyde	7.06	77	96504	40.486	ng	95
10) Phenol	7.12	94	168890	43.099	ng	100
11) bis(2-Chloroethyl)ether	7.34	93	134947	42.843	ng	99
12) 1,3-Dichlorobenzene	7.81	146	163169	40.516	ng	99
13) 1,4-Dichlorobenzene	7.96	146	163348	40.515	ng	99
14) 1,2-Dichlorobenzene	8.28	146	156895	40.585	ng	99
15) Benzyl Alcohol	8.16	79	123470	45.202	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.45	45	210078	42.998	ng	99
17) 2-Methylphenol	8.37	107	123604	44.477	ng	99
18) Hexachloroethane	9.00	117	54228	39.669	ng	98
19) n-Nitroso-di-n-propylamine	8.72	70	118729	46.654	ng	99
20) 3+4-Methylphenols	8.70	107	171443	44.695	ng	99
22) Acetophenone	8.74	105	229511	41.642	ng	99
24) Nitrobenzene	9.12	77	160320	40.963	ng	97
25) Isophorone	9.64	82	317207	43.675	ng	100
26) 2-Nitrophenol	9.83	139	86811	42.041	ng	99
27) 2,4-Dimethylphenol	9.90	122	120095	42.286	ng	97
28) bis(2-Chloroethoxy)methane	10.13	93	198371	42.434	ng	99
29) 2,4-Dichlorophenol	10.37	162	159593	42.153	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	178353	39.703	ng	96
31) Naphthalene	10.77	128	458279	41.453	ng	100
32) Benzoic acid	10.06	122	51204	29.050	ng	98
33) 4-Chloroaniline	10.88	127	212116	43.512	ng	98
34) Hexachlorobutadiene	11.06	225	115547	39.623	ng	99
35) Caprolactam	11.65	113	61277	43.298	ng	95
36) 4-Chloro-3-methylphenol	12.01	107	165785	44.770	ng	97
37) 2-Methylnaphthalene	12.38	142	374773	42.983	ng	98
38) 1-Methylnaphthalene	12.59	142	354770	42.956	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	223936	40.023	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	80236	32.979 ng	99
43) 2,4,6-Trichlorophenol	12.99	196	151902	40.230 ng	98
44) 2,4,5-Trichlorophenol	13.06	196	160035	40.340 ng	96
46) 1,1'-Biphenyl	13.39	154	490948	41.589 ng	98
47) 2-Chloronaphthalene	13.43	162	404281	40.392 ng	100
48) 2-Nitroaniline	13.63	65	120130	43.224 ng	96
49) Acenaphthylene	14.27	152	633995	41.758 ng	99
50) Dimethylphthalate	14.01	163	544605	41.488 ng	99
51) 2,6-Dinitrotoluene	14.13	165	120527	41.653 ng	99
52) Acenaphthene	14.61	154	389386	41.387 ng	98
53) 3-Nitroaniline	14.46	138	128422	40.972 ng	99
54) 2,4-Dinitrophenol	14.67	184	67126	39.743 ng	97
55) Dibenzofuran	14.95	168	629967	41.722 ng	99
56) 4-Nitrophenol	14.78	139	91364	39.607 ng	96
57) 2,4-Dinitrotoluene	14.91	165	174629	42.325 ng	99
58) Fluorene	15.60	166	526076	41.513 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	160381	41.632 ng	100
60) Diethylphthalate	15.37	149	533935	41.719 ng	98
61) 4-Chlorophenyl-phenylether	15.59	204	286485	41.048 ng	100
62) 4-Nitroaniline	15.62	138	134590	40.696 ng	99
63) Azobenzene	15.88	77	433771	41.665 ng	98
65) 4,6-Dinitro-2-methylphenol	15.68	198	100167	43.103 ng	96
66) n-Nitrosodiphenylamine	15.81	169	465832	42.056 ng	100
67) 4-Bromophenyl-phenylether	16.49	248	203130	42.407 ng	98
68) Hexachlorobenzene	16.61	284	218205	41.132 ng	99
69) Atrazine	16.76	200	185532	41.059 ng	97
70) Pentachlorophenol	16.96	266	108138	39.015 ng	98
71) Phenanthrene	17.34	178	861074	41.376 ng	98
72) Anthracene	17.43	178	849907	41.393 ng	99
73) Carbazole	17.70	167	782798	40.380 ng	99
74) Di-n-butylphthalate	18.26	149	900122	40.379 ng	99
75) Fluoranthene	19.35	202	1054389	39.370 ng	99
77) Benzidine	19.53	184	354068	38.142 ng	99
78) Pyrene	19.71	202	1053935	41.430 ng	99
80) Butylbenzylphthalate	20.60	149	408684	41.187 ng	98
81) Benzo(a)anthracene	21.52	228	1013089	40.687 ng	100
82) 3,3'-Dichlorobenzidine	21.44	252	374134	40.489 ng	99
83) Chrysene	21.59	228	965084	40.293 ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	564880	41.716 ng	99
85) Di-n-octyl phthalate	22.61	149	984850	42.476 ng	100
87) Indeno(1,2,3-cd)pyrene	28.16	276	1198652	41.108 ng	99
88) Benzo(b)fluoranthene	23.66	252	1051864	41.494 ng	100
89) Benzo(k)fluoranthene	23.73	252	991681	40.477 ng	99
90) Benzo(a)pyrene	24.50	252	983360	41.567 ng	99
91) Dibenzo(a,h)anthracene	28.20	278	978857	41.600 ng	100
92) Benzo(g,h,i)perylene	29.24	276	963421	41.002 ng	99

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

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