Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
Data File : BG046118.D
Acq On : 31 Jul 2020 9:01
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 31 11:17:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	93902	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	333693	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	215640	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	503155	20.00	ng	0.00
76) Chrysene-d12	21.57	240	537403	20.00	ng	0.00
86) Perylene-d12	24.67	264	586928	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	439681	81.40	ng	0.00
7) Phenol-d6	7.12	99	605553	82.26	ng	0.00
23) Nitrobenzene-d5	9.11	82	519846	84.35	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	285854	86.30	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1234437	83.16	ng	0.00
79) Terphenyl-d14	19.94	244	2028440	76.87	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	98610	40.107	ng	99
3) Pyridine	3.84	79	277842	41.050	ng	99
4) n-Nitrosodimethylamine	3.76	42	118154	41.017	ng	97
6) Aniline	7.28	93	354067	40.403	ng	99
8) 2-Chlorophenol	7.52	128	238177	39.893	ng	99
9) Benzaldehyde	7.09	77	179174	41.015	ng	98
10) Phenol	7.15	94	299762	40.526	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	226894	38.564	ng	100
12) 1,3-Dichlorobenzene	7.85	146	288294	39.837	ng	99
13) 1,4-Dichlorobenzene	7.99	146	288845	39.749	ng	98
14) 1,2-Dichlorobenzene	8.31	146	270094	39.410	ng	98
15) Benzyl Alcohol	8.19	79	209185	41.130	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	381632	39.564	ng	99
17) 2-Methylphenol	8.39	107	203944	40.841	ng	99
18) Hexachloroethane	9.04	117	95668	39.364	ng	99
19) n-Nitroso-di-n-propylamine	8.76	70	191116	39.889	ng	97
20) 3+4-Methylphenols	8.72	107	282795	41.375	ng	97
22) Acetophenone	8.77	105	358803	41.898	ng	99
24) Nitrobenzene	9.15	77	276555	42.087	ng	100
25) Isophorone	9.67	82	524423	42.762	ng	99
26) 2-Nitrophenol	9.86	139	126393	42.441	ng	98
27) 2,4-Dimethylphenol	9.93	122	207493	42.824	ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	276969	41.535	ng	98
29) 2,4-Dichlorophenol	10.40	162	248468	43.594	ng	99
30) 1,2,4-Trichlorobenzene	10.61	180	273799	41.007	ng	98
31) Naphthalene	10.80	128	739732	41.896	ng	100
32) Benzoic acid	10.06	122	127723	38.237	ng	96
33) 4-Chloroaniline	10.90	127	311290	43.145	ng	99
34) Hexachlorobutadiene	11.10	225	184046	41.408	ng	99
35) Caprolactam	11.67	113	84471	45.280	ng	97
36) 4-Chloro-3-methylphenol	12.03	107	247658	44.278	ng	97
37) 2-Methylnaphthalene	12.41	142	571812	42.089	ng	99
38) 1-Methylnaphthalene	12.63	142	536629	41.741	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	320186	41.210	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	181681	40.767 ng	100
43) 2,4,6-Trichlorophenol	13.01	196	212300	42.829 ng	95
44) 2,4,5-Trichlorophenol	13.08	196	228632	42.273 ng	95
46) 1,1'-Biphenyl	13.42	154	704278	41.633 ng	100
47) 2-Chloronaphthalene	13.46	162	555151	41.142 ng	99
48) 2-Nitroaniline	13.65	65	155524	43.971 ng	99
49) Acenaphthylene	14.30	152	882639	42.125 ng	99
50) Dimethylphthalate	14.04	163	697241	42.127 ng	100
51) 2,6-Dinitrotoluene	14.15	165	164684	42.754 ng	97
52) Acenaphthene	14.65	154	584629	42.277 ng	98
53) 3-Nitroaniline	14.47	138	168476	44.119 ng	98
54) 2,4-Dinitrophenol	14.68	184	83316	38.191 ng	94
55) Dibenzofuran	14.98	168	882215	42.279 ng	99
56) 4-Nitrophenol	14.79	139	142506	42.983 ng	99
57) 2,4-Dinitrotoluene	14.93	165	230540	43.531 ng	99
58) Fluorene	15.63	166	705392	41.743 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	221532	43.485 ng	100
60) Diethylphthalate	15.40	149	677143	41.590 ng	98
61) 4-Chlorophenyl-phenylether	15.63	204	368416	41.743 ng	96
62) 4-Nitroaniline	15.64	138	173153	45.085 ng	99
63) Azobenzene	15.91	77	645145	42.281 ng	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	133543	40.132 ng	95
66) n-Nitrosodiphenylamine	15.84	169	629553	41.335 ng	98
67) 4-Bromophenyl-phenylether	16.52	248	254617	40.961 ng	98
68) Hexachlorobenzene	16.64	284	286683	41.130 ng	98
69) Atrazine	16.78	200	252150	42.994 ng	99
70) Pentachlorophenol	16.98	266	189743	41.955 ng	98
71) Phenanthrene	17.37	178	1148058	41.654 ng	100
72) Anthracene	17.45	178	1148835	41.905 ng	99
73) Carbazole	17.72	167	1126638	42.619 ng	100
74) Di-n-butylphthalate	18.29	149	1187535	42.976 ng	100
75) Fluoranthene	19.37	202	1448127	42.085 ng	99
77) Benzidine	19.55	184	703043	46.185 ng	100
78) Pyrene	19.73	202	1474644	40.839 ng	100
80) Butylbenzylphthalate	20.63	149	554352	42.381 ng	97
81) Benzo(a)anthracene	21.55	228	1455007	40.458 ng	99
82) 3,3'-Dichlorobenzidine	21.47	252	627597	42.024 ng	98
83) Chrysene	21.62	228	1430889	40.616 ng	100
84) Bis(2-ethylhexyl)phthalate	21.48	149	771945	41.280 ng	99
85) Di-n-octyl phthalate	22.66	149	1358079	42.892 ng	100
87) Indeno(1,2,3-cd)pyrene	28.20	276	1847494	41.273 ng	99
88) Benzo(b)fluoranthene	23.70	252	1643323	41.782 ng	100
89) Benzo(k)fluoranthene	23.76	252	1531820	39.707 ng	99
90) Benzo(a)pyrene	24.54	252	1516009	41.422 ng	99
91) Dibenzo(a,h)anthracene	28.26	278	1528225	40.840 ng	99
92) Benzo(g,h,i)perylene	29.29	276	1545449	40.894 ng	100

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

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