Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
Data File : BG044349.D
Acq On : 7 Feb 2020 23:31
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 08 02:35:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	132599	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	535115	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	330975	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	677651	20.00	ng	0.00
76) Chrysene-d12	21.54	240	583372	20.00	ng	0.00
87) Perylene-d12	24.63	264	680455	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	609298	81.10	ng	0.00
7) Phenol-d6	7.09	99	811972	80.48	ng	0.00
23) Nitrobenzene-d5	9.07	82	753480	79.49	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	310395	79.89	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1558081	78.83	ng	0.00
79) Terphenyl-d14	19.91	244	2053500	72.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	130718	38.723	ng	98
3) Pyridine	3.79	79	377333	41.955	ng	98
4) n-Nitrosodimethylamine	3.70	42	151666	40.356	ng	97
6) Aniline	7.24	93	499327	39.871	ng	98
8) 2-Chlorophenol	7.48	128	335184	40.592	ng	100
9) Benzaldehyde	7.05	77	220019	38.289	ng	97
10) Phenol	7.11	94	406023	40.663	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	338610	39.666	ng	98
12) 1,3-Dichlorobenzene	7.81	146	395644	40.130	ng	98
13) 1,4-Dichlorobenzene	7.95	146	391891	40.133	ng	99
14) 1,2-Dichlorobenzene	8.27	146	369870	40.074	ng	97
15) Benzyl Alcohol	8.15	79	294541	41.235	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.44	45	473097	40.946	ng	99
17) 2-Methylphenol	8.36	107	287600	40.370	ng	97
18) Hexachloroethane	9.00	117	148556	40.542	ng	98
19) n-Nitroso-di-n-propylamine	8.72	70	261649	38.912	ng	98
20) 3+4-Methylphenols	8.69	107	393029	40.031	ng	97
22) Acetophenone	8.73	105	508713	39.079	ng	99
24) Nitrobenzene	9.11	77	369064	39.885	ng	100
25) Isophorone	9.64	82	692425	39.194	ng	100
26) 2-Nitrophenol	9.82	139	201248	41.914	ng	96
27) 2,4-Dimethylphenol	9.89	122	272105	40.147	ng	100
28) bis(2-Chloroethoxy)methane	10.12	93	459160	38.961	ng	98
29) 2,4-Dichlorophenol	10.36	162	329376	40.190	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	377461	40.167	ng	100
31) Naphthalene	10.76	128	1024489	39.461	ng	99
32) Benzoic acid	10.06	122	157586	39.048	ng	93
33) 4-Chloroaniline	10.87	127	464954	39.377	ng	99
34) Hexachlorobutadiene	11.06	225	234295	40.519	ng	99
35) Caprolactam	11.65	113	113814	37.911	ng	97
36) 4-Chloro-3-methylphenol	12.00	107	332982	38.753	ng	100
37) 2-Methylnaphthalene	12.37	142	749772	38.896	ng	99
38) 1-Methylnaphthalene	12.59	142	703055	38.686	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	402806	40.685	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	222601	46.858	ng	99
43) 2,4,6-Trichlorophenol	12.98	196	267556	41.809	ng	99
44) 2,4,5-Trichlorophenol	13.06	196	270841	41.436	ng	99
46) 1,1'-Biphenyl	13.38	154	954887	39.998	ng	99
47) 2-Chloronaphthalene	13.42	162	755023	39.743	ng	99
48) 2-Nitroaniline	13.62	65	225104	40.151	ng	99
49) Acenaphthylene	14.27	152	1097762	39.397	ng	98
50) Dimethylphthalate	14.00	163	913798	38.409	ng	99
51) 2,6-Dinitrotoluene	14.12	165	207481	39.113	ng	99
52) Acenaphthene	14.62	154	711256	39.381	ng	98
53) 3-Nitroaniline	14.45	138	227883	38.829	ng	99
54) 2,4-Dinitrophenol	14.66	184	113440	40.275	ng	98
55) Dibenzofuran	14.95	168	1062188	38.844	ng	100
56) 4-Nitrophenol	14.77	139	176333	41.018	ng	97
57) 2,4-Dinitrotoluene	14.91	165	287529	38.673	ng	99
58) Fluorene	15.60	166	829707	38.524	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	235592	39.903	ng	99
60) Diethylphthalate	15.37	149	904126	38.139	ng	98
61) 4-Chlorophenyl-phenylether	15.59	204	452861	38.780	ng	98
62) 4-Nitroaniline	15.61	138	229934	39.209	ng	99
63) Azobenzene	15.88	77	802609	38.630	ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	158689	42.423	ng	98
66) n-Nitrosodiphenylamine	15.80	169	765632	40.316	ng	99
67) 4-Bromophenyl-phenylether	16.48	248	299719	40.596	ng	98
68) Hexachlorobenzene	16.61	284	330280	39.931	ng	98
69) Atrazine	16.75	200	258856	39.768	ng	98
70) Pentachlorophenol	16.95	266	174448	43.211	ng	98
71) Phenanthrene	17.34	178	1297706	39.547	ng	100
72) Anthracene	17.42	178	1282719	39.539	ng	99
73) Carbazole	17.69	167	1183773	39.581	ng	98
74) Di-n-butylphthalate	18.26	149	1474907	39.907	ng	99
75) Fluoranthene	19.35	202	1487157	39.177	ng	97
77) Benzidine	19.52	184	694899	42.944	ng	100
78) Pyrene	19.70	202	1481043	39.532	ng	99
80) Butylbenzylphthalate	20.60	149	704058	41.238	ng	99
81) Benzo(a)anthracene	21.52	228	1460087	40.610	ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	588354	42.164	ng	100
83) Chrysene	21.58	228	1389835	39.992	ng	98
84) Bis(2-ethylhexyl)phthalate	21.44	149	951363	40.485	ng	99
85) Di-n-octyl phthalate	22.61	149	1699004	41.786	ng	99
86) Indeno(1,2,3-cd)pyrene	28.14	276	1840467	40.593	ng	100
88) Benzo(b)fluoranthene	23.65	252	1591143	40.580	ng	99
89) Benzo(k)fluoranthene	23.72	252	1510670	39.530	ng	100
90) Benzo(a)pyrene	24.49	252	1495036	40.327	ng	97
91) Dibenzo(a,h)anthracene	28.19	278	1477245	40.263	ng	99
92) Benzo(g,h,i)perylene	29.23	276	1477095	40.216	ng	99

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

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