Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
Data File : BG044301.D
Acq On : 5 Feb 2020 12:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 06 01:08:34 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	7.92	152	83136	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	353309	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	244569	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	539473	20.00	ng	0.00
76) Chrysene-d12	21.55	240	475028	20.00	ng	0.00
87) Perylene-d12	24.65	264	550815	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	393409	83.51	ng	0.00
7) Phenol-d6	7.09	99	543936	85.99	ng	0.00
23) Nitrobenzene-d5	9.08	82	505845	80.83	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	240544	83.78	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1148086	78.61	ng	0.00
79) Terphenyl-d14	19.92	244	1752927	75.90	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	86076	40.669	ng	99
3) Pyridine	3.78	79	250857	44.488	ng	96
4) n-Nitrosodimethylamine	3.69	42	96602	40.998	ng	98
6) Aniline	7.24	93	328574	41.847	ng	98
8) 2-Chlorophenol	7.48	128	216010	41.724	ng	99
9) Benzaldehyde	7.05	77	143688	39.883	ng	98
10) Phenol	7.11	94	268169	42.836	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	215693	40.300	ng	97
12) 1,3-Dichlorobenzene	7.81	146	251720	40.722	ng	98
13) 1,4-Dichlorobenzene	7.95	146	250497	40.916	ng	100
14) 1,2-Dichlorobenzene	8.27	146	237475	41.038	ng	99
15) Benzyl Alcohol	8.15	79	190112	42.450	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	295887	40.845	ng	100
17) 2-Methylphenol	8.36	107	188675	42.241	ng	97
18) Hexachloroethane	9.00	117	92899	40.437	ng	97
19) n-Nitroso-di-n-propylamine	8.72	70	175122	41.539	ng	99
20) 3+4-Methylphenols	8.69	107	268108	43.554	ng	99
22) Acetophenone	8.73	105	341907	39.780	ng	99
24) Nitrobenzene	9.12	77	245595	40.199	ng	98
25) Isophorone	9.64	82	469694	40.268	ng	100
26) 2-Nitrophenol	9.83	139	132266	41.723	ng	100
27) 2,4-Dimethylphenol	9.89	122	182599	40.805	ng	99
28) bis(2-Chloroethoxy)methane	10.12	93	309662	39.796	ng	100
29) 2,4-Dichlorophenol	10.37	162	226369	41.835	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	246404	39.714	ng	100
31) Naphthalene	10.77	128	694651	40.525	ng	99
32) Benzoic acid	10.04	122	107378	39.845	ng	93
33) 4-Chloroaniline	10.87	127	329080	42.211	ng	99
34) Hexachlorobutadiene	11.07	225	146091	38.266	ng	99
35) Caprolactam	11.64	113	90053	45.432	ng	97
36) 4-Chloro-3-methylphenol	12.01	107	250565	44.167	ng	98
37) 2-Methylnaphthalene	12.38	142	525622	41.299	ng	99
38) 1-Methylnaphthalene	12.59	142	497053	41.425	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	275888	37.711	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	137353	39.128 ng	99
43) 2,4,6-Trichlorophenol	12.99	196	195314	41.303 ng	98
44) 2,4,5-Trichlorophenol	13.06	196	203477	42.128 ng	99
46) 1,1'-Biphenyl	13.39	154	692701	39.266 ng	100
47) 2-Chloronaphthalene	13.43	162	552248	39.340 ng	99
48) 2-Nitroaniline	13.63	65	174730	42.176 ng	98
49) Acenaphthylene	14.28	152	831819	40.400 ng	100
50) Dimethylphthalate	14.01	163	710605	40.420 ng	100
51) 2,6-Dinitrotoluene	14.12	165	159174	40.607 ng	99
52) Acenaphthene	14.62	154	538623	40.359 ng	99
53) 3-Nitroaniline	14.45	138	181457	41.842 ng	99
54) 2,4-Dinitrophenol	14.66	184	80123	38.833 ng	97
55) Dibenzofuran	14.95	168	826339	40.896 ng	99
56) 4-Nitrophenol	14.77	139	131290	41.330 ng	99
57) 2,4-Dinitrotoluene	14.92	165	227191	41.353 ng	98
58) Fluorene	15.60	166	657255	41.298 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	184106	42.200 ng	99
60) Diethylphthalate	15.37	149	719954	41.099 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	345083	39.990 ng	98
62) 4-Nitroaniline	15.62	138	181591	41.905 ng	98
63) Azobenzene	15.89	77	624258	40.661 ng	98
65) 4,6-Dinitro-2-methylphenol	15.68	198	118974	39.953 ng	97
66) n-Nitrosodiphenylamine	15.81	169	610482	40.380 ng	98
67) 4-Bromophenyl-phenylether	16.49	248	233016	39.645 ng	99
68) Hexachlorobenzene	16.61	284	259861	39.464 ng	99
69) Atrazine	16.76	200	205687	39.694 ng	99
70) Pentachlorophenol	16.95	266	128553	40.232 ng	96
71) Phenanthrene	17.34	178	1063877	40.725 ng	99
72) Anthracene	17.43	178	1045452	40.479 ng	100
73) Carbazole	17.70	167	971972	40.823 ng	99
74) Di-n-butylphthalate	18.26	149	1208620	41.078 ng	99
75) Fluoranthene	19.35	202	1233685	40.824 ng	100
77) Benzidine	19.53	184	490776	37.247 ng	100
78) Pyrene	19.71	202	1240240	40.655 ng	99
80) Butylbenzylphthalate	20.60	149	577794	41.562 ng	98
81) Benzo(a)anthracene	21.53	228	1203750	41.117 ng	100
82) 3,3'-Dichlorobenzidine	21.44	252	482022	42.422 ng	100
83) Chrysene	21.59	228	1159785	40.984 ng	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	788389	41.201 ng	100
85) Di-n-octyl phthalate	22.62	149	1383605	41.791 ng	100
86) Indeno(1,2,3-cd)pyrene	28.15	276	1487317	40.285 ng	99
88) Benzo(b)fluoranthene	23.66	252	1289063	40.613 ng	99
89) Benzo(k)fluoranthene	23.73	252	1245737	40.270 ng	99
90) Benzo(a)pyrene	24.50	252	1219199	40.627 ng	99
91) Dibenzo(a,h)anthracene	28.22	278	1195115	40.240 ng	99
92) Benzo(g,h,i)perylene	29.25	276	1192665	40.115 ng	98

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

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