Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013120\
Data File : BG044252.D
Acq On : 31 Jan 2020 9:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 31 23:26:46 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	80066	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	335299	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	222934	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	515353	20.00	ng	0.00
76) Chrysene-d12	21.54	240	467921	20.00	ng	0.00
87) Perylene-d12	24.64	264	532086	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	377191	83.14	ng	0.00
7) Phenol-d6	7.08	99	502509	82.48	ng	0.00
23) Nitrobenzene-d5	9.07	82	478070	80.50	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	215651	82.40	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1087490	81.69	ng	0.00
79) Terphenyl-d14	19.91	244	1754735	77.13	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	83583	41.006	ng	98
3) Pyridine	3.78	79	238097	43.844	ng	97
4) n-Nitrosodimethylamine	3.69	42	93910	41.383	ng	96
6) Aniline	7.24	93	315102	41.669	ng	98
8) 2-Chlorophenol	7.48	128	206125	41.341	ng	97
9) Benzaldehyde	7.05	77	140045	40.363	ng	94
10) Phenol	7.11	94	252237	41.836	ng	97
11) bis(2-Chloroethyl)ether	7.33	93	210915	40.918	ng	97
12) 1,3-Dichlorobenzene	7.81	146	242880	40.799	ng	98
13) 1,4-Dichlorobenzene	7.95	146	245678	41.668	ng	99
14) 1,2-Dichlorobenzene	8.27	146	227844	40.883	ng	98
15) Benzyl Alcohol	8.15	79	176955	41.028	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	290068	41.577	ng	99
17) 2-Methylphenol	8.36	107	175932	40.898	ng	97
18) Hexachloroethane	9.00	117	90415	40.865	ng	97
19) n-Nitroso-di-n-propylamine	8.72	70	167007	41.133	ng	98
20) 3+4-Methylphenols	8.69	107	247210	41.699	ng	98
22) Acetophenone	8.74	105	328461	40.268	ng	99
24) Nitrobenzene	9.11	77	234168	40.387	ng	99
25) Isophorone	9.64	82	450485	40.695	ng	99
26) 2-Nitrophenol	9.83	139	117905	39.190	ng	98
27) 2,4-Dimethylphenol	9.89	122	170570	40.164	ng	98
28) bis(2-Chloroethoxy)methane	10.12	93	299232	40.521	ng	99
29) 2,4-Dichlorophenol	10.37	162	205308	39.981	ng	97
30) 1,2,4-Trichlorobenzene	10.58	180	233745	39.697	ng	100
31) Naphthalene	10.77	128	664451	40.845	ng	99
32) Benzoic acid	10.04	122	63173	30.087	ng	85
33) 4-Chloroaniline	10.87	127	300150	40.569	ng	99
34) Hexachlorobutadiene	11.06	225	144992	40.018	ng	99
35) Caprolactam	11.63	113	79766	42.404	ng	98
36) 4-Chloro-3-methylphenol	12.00	107	220727	40.997	ng	98
37) 2-Methylnaphthalene	12.38	142	490109	40.577	ng	99
38) 1-Methylnaphthalene	12.60	142	467816	41.082	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	260434	39.053	ng	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	118794	37.125 ng	98
43) 2,4,6-Trichlorophenol	12.99	196	170688	39.598 ng	100
44) 2,4,5-Trichlorophenol	13.06	196	177061	40.216 ng	99
46) 1,1'-Biphenyl	13.39	154	650318	40.441 ng	98
47) 2-Chloronaphthalene	13.43	162	512186	40.027 ng	99
48) 2-Nitroaniline	13.62	65	157291	41.651 ng	94
49) Acenaphthylene	14.28	152	769140	40.981 ng	99
50) Dimethylphthalate	14.01	163	673342	42.018 ng	100
51) 2,6-Dinitrotoluene	14.12	165	148865	41.663 ng	99
52) Acenaphthene	14.62	154	503254	41.369 ng	98
53) 3-Nitroaniline	14.45	138	167467	42.364 ng	98
54) 2,4-Dinitrophenol	14.66	184	72428	38.574 ng	97
55) Dibenzofuran	14.95	168	758252	41.168 ng	100
56) 4-Nitrophenol	14.77	139	125299	43.272 ng	96
57) 2,4-Dinitrotoluene	14.91	165	212616	42.456 ng	98
58) Fluorene	15.60	166	613059	42.260 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	165098	41.515 ng	99
60) Diethylphthalate	15.37	149	686998	43.024 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	325353	41.363 ng	98
62) 4-Nitroaniline	15.62	138	172935	43.781 ng	99
63) Azobenzene	15.89	77	591499	42.266 ng	98
65) 4,6-Dinitro-2-methylphenol	15.68	198	111180	39.083 ng	97
66) n-Nitrosodiphenylamine	15.81	169	566268	39.209 ng	99
67) 4-Bromophenyl-phenylether	16.49	248	219806	39.148 ng	98
68) Hexachlorobenzene	16.61	284	245851	39.084 ng	98
69) Atrazine	16.76	200	205427	41.499 ng	99
70) Pentachlorophenol	16.95	266	114777	37.808 ng	97
71) Phenanthrene	17.34	178	1020473	40.892 ng	99
72) Anthracene	17.43	178	1011706	41.006 ng	98
73) Carbazole	17.70	167	943267	41.472 ng	100
74) Di-n-butylphthalate	18.27	149	1220507	43.423 ng	100
75) Fluoranthene	19.35	202	1226675	42.492 ng	100
77) Benzidine	19.53	184	528964	40.755 ng	99
78) Pyrene	19.71	202	1246330	41.475 ng	99
80) Butylbenzylphthalate	20.60	149	569450	41.584 ng	99
81) Benzo(a)anthracene	21.53	228	1194986	41.437 ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	460414	41.136 ng	100
83) Chrysene	21.59	228	1137080	40.792 ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	780356	41.401 ng	100
85) Di-n-octyl phthalate	22.62	149	1333294	40.883 ng	100
86) Indeno(1,2,3-cd)pyrene	28.15	276	1431787	39.370 ng	99
88) Benzo(b)fluoranthene	23.66	252	1235185	40.286 ng	99
89) Benzo(k)fluoranthene	23.73	252	1239955	41.494 ng	99
90) Benzo(a)pyrene	24.50	252	1187370	40.959 ng	99
91) Dibenzo(a,h)anthracene	28.21	278	1148423	40.029 ng	98
92) Benzo(g,h,i)perylene	29.24	276	1144708	39.857 ng	97

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

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