Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
Data File : BG044523.D
Acq On : 20 Feb 2020 16:38
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 21 06:48:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	86305	20.00	ng		-0.03
21) Naphthalene-d8	10.68	136	349781	20.00	ng		-0.02
39) Acenaphthene-d10	14.52	164	221263	20.00	ng		-0.02
64) Phenanthrene-d10	17.27	188	495520	20.00	ng		-0.02
76) Chrysene-d12	21.51	240	488770	20.00	ng		-0.03
87) Perylene-d12	24.58	264	537520	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	414191	84.70	ng		-0.02
7) Phenol-d6	7.06	99	558305	85.02	ng		-0.02
23) Nitrobenzene-d5	9.04	82	513557	82.89	ng		-0.02
42) 2,4,6-Tribromophenol	16.02	330	232111	89.36	ng		-0.01
45) 2-Fluorobiphenyl	13.14	172	1125913	85.21	ng		-0.02
79) Terphenyl-d14	19.89	244	1703883	71.70	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	89088	40.547	ng		99
3) Pyridine	3.74	79	252708	43.171	ng		99
4) n-Nitrosodimethylamine	3.65	42	99094	40.511	ng		97
6) Aniline	7.21	93	334661	41.057	ng		99
8) 2-Chlorophenol	7.45	128	224406	41.754	ng		97
9) Benzaldehyde	7.02	77	147445	39.423	ng		98
10) Phenol	7.09	94	274211	42.193	ng		99
11) bis(2-Chloroethyl)ether	7.30	93	225151	40.523	ng		98
12) 1,3-Dichlorobenzene	7.77	146	263856	41.118	ng		97
13) 1,4-Dichlorobenzene	7.92	146	265227	41.731	ng		99
14) 1,2-Dichlorobenzene	8.24	146	252552	42.041	ng		98
15) Benzyl Alcohol	8.12	79	194154	41.761	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.41	45	306951	40.817	ng		98
17) 2-Methylphenol	8.33	107	194312	41.906	ng		99
18) Hexachloroethane	8.97	117	98104	41.134	ng		95
19) n-Nitroso-di-n-propylamine	8.69	70	174305	39.827	ng		99
20) 3+4-Methylphenols	8.66	107	264813	41.439	ng		99
22) Acetophenone	8.70	105	348431	40.948	ng	#	99
24) Nitrobenzene	9.08	77	247966	40.996	ng		99
25) Isophorone	9.61	82	469329	40.642	ng		99
26) 2-Nitrophenol	9.79	139	137735	43.886	ng		98
27) 2,4-Dimethylphenol	9.86	122	184413	41.626	ng		98
28) bis(2-Chloroethoxy)methane	10.09	93	310162	40.262	ng		99
29) 2,4-Dichlorophenol	10.33	162	226783	42.334	ng		99
30) 1,2,4-Trichlorobenzene	10.55	180	257780	41.966	ng		98
31) Naphthalene	10.73	128	706495	41.631	ng		100
32) Benzoic acid	10.04	122	83069	34.233	ng		96
33) 4-Chloroaniline	10.84	127	322103	41.733	ng		99
34) Hexachlorobutadiene	11.03	225	160558	42.479	ng		97
35) Caprolactam	11.62	113	83437	42.519	ng		98
36) 4-Chloro-3-methylphenol	11.97	107	234686	41.785	ng		99
37) 2-Methylnaphthalene	12.34	142	517651	41.083	ng		99
38) 1-Methylnaphthalene	12.56	142	492239	41.437	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	285037	43.065	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	116694	36.744 ng	99
43) 2,4,6-Trichlorophenol	12.96	196	184983	43.239 ng	96
44) 2,4,5-Trichlorophenol	13.04	196	193306	44.238 ng	98
46) 1,1'-Biphenyl	13.35	154	674627	42.270 ng	99
47) 2-Chloronaphthalene	13.40	162	535952	42.200 ng	100
48) 2-Nitroaniline	13.60	65	159060	42.438 ng	99
49) Acenaphthylene	14.25	152	787997	42.303 ng	100
50) Dimethylphthalate	13.98	163	664168	41.758 ng	100
51) 2,6-Dinitrotoluene	14.10	165	149794	42.240 ng	99
52) Acenaphthene	14.59	154	503118	41.670 ng	98
53) 3-Nitroaniline	14.43	138	165728	42.241 ng	96
54) 2,4-Dinitrophenol	14.64	184	77792	41.117 ng	96
55) Dibenzofuran	14.92	168	772976	42.284 ng	99
56) 4-Nitrophenol	14.75	139	124484	43.315 ng	98
57) 2,4-Dinitrotoluene	14.89	165	214889	43.234 ng	96
58) Fluorene	15.58	166	611078	42.441 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.15	232	170278	43.141 ng	97
60) Diethylphthalate	15.35	149	664264	41.914 ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	328577	42.088 ng	99
62) 4-Nitroaniline	15.59	138	171496	43.744 ng	97
63) Azobenzene	15.86	77	568144	40.904 ng	99
65) 4,6-Dinitro-2-methylphenol	15.66	198	115194	42.114 ng	96
66) n-Nitrosodiphenylamine	15.78	169	567266	40.850 ng	100
67) 4-Bromophenyl-phenylether	16.46	248	221897	41.102 ng	99
68) Hexachlorobenzene	16.59	284	251090	41.514 ng	99
69) Atrazine	16.73	200	181811	38.198 ng	97
70) Pentachlorophenol	16.93	266	117554	40.067 ng	98
71) Phenanthrene	17.31	178	1002938	41.798 ng	99
72) Anthracene	17.40	178	991364	41.790 ng	99
73) Carbazole	17.67	167	926295	42.355 ng	99
74) Di-n-butylphthalate	18.24	149	1152007	42.627 ng	99
75) Fluoranthene	19.32	202	1204924	43.409 ng	99
77) Benzidine	19.50	184	648324	47.821 ng	99
78) Pyrene	19.68	202	1209893	38.545 ng	99
80) Butylbenzylphthalate	20.58	149	555201	38.814 ng	99
81) Benzo(a)anthracene	21.49	228	1206837	40.063 ng	100
82) 3,3'-Dichlorobenzidine	21.41	252	483342	41.342 ng	98
83) Chrysene	21.56	228	1151364	39.543 ng	100
84) Bis(2-ethylhexyl)phthalate	21.41	149	758158	38.507 ng	100
85) Di-n-octyl phthalate	22.57	149	1360074	39.925 ng	99
86) Indeno(1,2,3-cd)pyrene	28.08	276	1524955	40.144 ng	99
88) Benzo(b)fluoranthene	23.62	252	1298338	41.917 ng	99
89) Benzo(k)fluoranthene	23.68	252	1262869	41.833 ng	99
90) Benzo(a)pyrene	24.44	252	1228552	41.951 ng	99
91) Dibenzo(a,h)anthracene	28.13	278	1239295	42.760 ng	99
92) Benzo(g,h,i)perylene	29.17	276	1239787	42.731 ng	99

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

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