Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
Data File : BG039451.D
Acq On : 12 Feb 2019 2:02
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 12 04:26:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	91120	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	409326	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	267254	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	568133	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	546555	20.00	ng	-0.02
87) Perylene-d12	25.21	264	580821	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	421298	79.13	ng	0.00
7) Phenol-d6	7.31	99	637508	81.35	ng	0.00
23) Nitrobenzene-d5	9.35	82	606802	92.61	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	242587	84.29	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1373538	73.73	ng	-0.02
79) Terphenyl-d14	20.13	244	1803258	69.84	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.60	88	85856	36.867	ng	92
3) Pyridine	4.00	79	251725	40.826	ng	92
4) n-Nitrosodimethylamine	3.93	42	112675	36.540	ng	87
6) Aniline	7.50	93	392263	39.961	ng	100
8) 2-Chlorophenol	7.73	128	239460	41.147	ng	94
9) Benzaldehyde	7.31	77	163961	42.701	ng	98
10) Phenol	7.34	94	330381	40.442	ng	97
11) bis(2-Chloroethyl)ether	7.59	93	258450	40.038	ng	97
12) 1,3-Dichlorobenzene	8.06	146	278782	39.544	ng	96
13) 1,4-Dichlorobenzene	8.21	146	280122	39.865	ng	98
14) 1,2-Dichlorobenzene	8.53	146	271092	39.852	ng	99
15) Benzyl Alcohol	8.41	79	248813	40.441	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.69	45	504990	34.642	ng	98
17) 2-Methylphenol	8.60	107	214254	40.529	ng	98
18) Hexachloroethane	9.26	117	101250	41.882	ng	98
19) n-Nitroso-di-n-propylamine	8.98	70	217754	39.149	ng	93
20) 3+4-Methylphenols	8.93	107	303622	41.707	ng	97
22) Acetophenone	9.00	105	421446	38.330	ng	94
24) Nitrobenzene	9.40	77	314645	44.451	ng	96
25) Isophorone	9.91	82	545091	37.542	ng	98
26) 2-Nitrophenol	10.10	139	155859	54.010	ng	96
27) 2,4-Dimethylphenol	10.14	122	234401	39.908	ng	98
28) bis(2-Chloroethoxy)methane	10.39	93	350180	39.156	ng	96
29) 2,4-Dichlorophenol	10.63	162	273641	42.627	ng	97
30) 1,2,4-Trichlorobenzene	10.85	180	299684	41.582	ng	97
31) Naphthalene	11.05	128	770733	37.955	ng	98
32) Benzoic acid	10.28	122	144000	39.425	ng	95
33) 4-Chloroaniline	11.15	127	364360	38.698	ng	99
34) Hexachlorobutadiene	11.31	225	198247	41.363	ng	94
35) Caprolactam	11.96	113	106368	40.042	ng	90
36) 4-Chloro-3-methylphenol	12.25	107	300412	40.465	ng	99
37) 2-Methylnaphthalene	12.64	142	571010	37.966	ng	98
38) 1-Methylnaphthalene	12.86	142	546612	37.703	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	351492	41.336	ng	98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	204298	44.091 ng		98
43) 2,4,6-Trichlorophenol	13.23	196	232186	44.410 ng		99
44) 2,4,5-Trichlorophenol	13.30	196	239444	43.697 ng		97
46) 1,1'-Biphenyl	13.63	154	846066	38.049 ng		98
47) 2-Chloronaphthalene	13.68	162	658767	39.382 ng		98
48) 2-Nitroaniline	13.89	65	216432	45.552 ng		94
49) Acenaphthylene	14.52	152	943927	37.397 ng		97
50) Dimethylphthalate	14.25	163	810285	37.540 ng		99
51) 2,6-Dinitrotoluene	14.38	165	180648	45.221 ng		98
52) Acenaphthene	14.86	154	608059	37.112 ng		99
53) 3-Nitroaniline	14.71	138	185442	43.254 ng	#	94
54) 2,4-Dinitrophenol	14.91	184	65063	46.215 ng		96
55) Dibenzofuran	15.19	168	980431	37.322 ng		97
56) 4-Nitrophenol	14.99	139	145650	40.412 ng		92
57) 2,4-Dinitrotoluene	15.15	165	245601	47.606 ng		88
58) Fluorene	15.84	166	708887	36.199 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	222704	43.407 ng		96
60) Diethylphthalate	15.60	149	787630	35.293 ng		97
61) 4-Chlorophenyl-phenylether	15.83	204	429628	38.746 ng		97
62) 4-Nitroaniline	15.87	138	183006	41.095 ng		95
63) Azobenzene	16.12	77	734836	33.689 ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	115601	50.556 ng		97
66) n-Nitrosodiphenylamine	16.05	169	698793	40.451 ng		99
67) 4-Bromophenyl-phenylether	16.72	248	276076	43.802 ng		94
68) Hexachlorobenzene	16.83	284	272520	43.096 ng		96
69) Atrazine	16.98	200	232499	36.829 ng		96
70) Pentachlorophenol	17.18	266	188100	42.798 ng		97
71) Phenanthrene	17.59	178	1097143	37.312 ng		97
72) Anthracene	17.67	178	1081121	37.327 ng		98
73) Carbazole	17.94	167	1042557	36.068 ng		98
74) Di-n-butylphthalate	18.48	149	1174709	34.835 ng		99
75) Fluoranthene	19.58	202	1234754	36.178 ng		98
77) Benzidine	19.76	184	702888	39.226 ng		99
78) Pyrene	19.95	202	1250937	36.766 ng		98
80) Butylbenzylphthalate	20.81	149	566619	39.478 ng		94
81) Benzo(a)anthracene	21.81	228	1241207	38.433 ng		98
82) 3,3'-Dichlorobenzidine	21.72	252	490800	40.985 ng		98
83) Chrysene	21.88	228	1191373	38.752 ng		99
84) Bis(2-ethylhexyl)phthalate	21.68	149	795505	38.850 ng		98
85) Di-n-octyl phthalate	22.95	149	1331995	39.375 ng		97
86) Indeno(1,2,3-cd)pyrene	29.11	276	1426306	43.241 ng		99
88) Benzo(b)fluoranthene	24.13	252	1246567	39.354 ng		98
89) Benzo(k)fluoranthene	24.20	252	1207667	37.975 ng		99
90) Benzo(a)pyrene	25.05	252	1201092	39.373 ng		99
91) Dibenzo(a,h)anthracene	29.18	278	1158627	40.556 ng		97
92) Benzo(g,h,i)perylene	30.34	276	1176465	41.316 ng		99

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

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