Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039677.D
Acq On : 1 Mar 2019 2:48
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 01 07:03:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 06:15:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	59017	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	256791	20.00	ng		0.00
39) Acenaphthene-d10	14.79	164	171171	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	395065	20.00	ng		0.00
76) Chrysene-d12	21.83	240	394449	20.00	ng		0.00
87) Perylene-d12	25.20	264	408886	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	275714	79.96	ng		0.00
7) Phenol-d6	7.31	99	403568	79.51	ng		0.00
23) Nitrobenzene-d5	9.34	82	376998	91.72	ng		0.00
42) 2,4,6-Tribromophenol	16.28	330	157653	85.53	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	886117	74.26	ng		0.00
79) Terphenyl-d14	20.12	244	1360234	72.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	59409	39.387	ng		94
3) Pyridine	4.00	79	166481	41.688	ng		95
4) n-Nitrosodimethylamine	3.93	42	71553	35.827	ng	#	90
6) Aniline	7.49	93	234581	36.897	ng		99
8) 2-Chlorophenol	7.72	128	152912	40.568	ng		97
9) Benzaldehyde	7.31	77	98968	38.674	ng		100
10) Phenol	7.34	94	204944	38.734	ng		96
11) bis(2-Chloroethyl)ether	7.58	93	159161	38.069	ng		96
12) 1,3-Dichlorobenzene	8.05	146	182769	40.027	ng		98
13) 1,4-Dichlorobenzene	8.20	146	186909	41.068	ng		98
14) 1,2-Dichlorobenzene	8.52	146	173554	39.391	ng		99
15) Benzyl Alcohol	8.40	79	154505	38.773	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.68	45	303419	32.137	ng		100
17) 2-Methylphenol	8.60	107	133345	38.944	ng		96
18) Hexachloroethane	9.25	117	62972	40.217	ng		98
19) n-Nitroso-di-n-propylamine	8.97	70	130176	36.134	ng		95
20) 3+4-Methylphenols	8.93	107	184420	39.113	ng		95
22) Acetophenone	9.00	105	256558	37.194	ng	#	94
24) Nitrobenzene	9.39	77	194687	43.841	ng		96
25) Isophorone	9.90	82	323192	35.481	ng		99
26) 2-Nitrophenol	10.10	139	99328	54.638	ng		95
27) 2,4-Dimethylphenol	10.14	122	141962	38.527	ng		97
28) bis(2-Chloroethoxy)methane	10.38	93	210745	37.562	ng		97
29) 2,4-Dichlorophenol	10.62	162	167810	41.669	ng		98
30) 1,2,4-Trichlorobenzene	10.84	180	185600	41.050	ng		99
31) Naphthalene	11.04	128	482493	37.875	ng		99
32) Benzoic acid	10.27	122	97877	41.962	ng		95
33) 4-Chloroaniline	11.15	127	218162	36.934	ng		99
34) Hexachlorobutadiene	11.30	225	124477	41.398	ng		90
35) Caprolactam	11.94	113	63881	38.333	ng		98
36) 4-Chloro-3-methylphenol	12.25	107	183638	39.429	ng		96
37) 2-Methylnaphthalene	12.63	142	353308	37.445	ng		99
38) 1-Methylnaphthalene	12.85	142	339971	37.379	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	222328	40.823	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	111924	37.714	ng		99
43) 2,4,6-Trichlorophenol	13.23	196	141169	42.158	ng		99
44) 2,4,5-Trichlorophenol	13.30	196	148171	42.219	ng		96
46) 1,1'-Biphenyl	13.63	154	523692	36.771	ng		100
47) 2-Chloronaphthalene	13.67	162	411810	38.437	ng		98
48) 2-Nitroaniline	13.88	65	133289	44.119	ng		94
49) Acenaphthylene	14.52	152	607218	37.561	ng		99
50) Dimethylphthalate	14.24	163	507966	36.744	ng		100
51) 2,6-Dinitrotoluene	14.37	165	116588	45.517	ng		94
52) Acenaphthene	14.85	154	382359	36.436	ng		99
53) 3-Nitroaniline	14.70	138	118875	43.287	ng	#	94
54) 2,4-Dinitrophenol	14.90	184	42945	47.235	ng		96
55) Dibenzofuran	15.19	168	629712	37.427	ng		99
56) 4-Nitrophenol	14.99	139	92096	39.970	ng	#	88
57) 2,4-Dinitrotoluene	15.15	165	161571	48.685	ng		88
58) Fluorene	15.84	166	469765	37.454	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	137945	41.979	ng		98
60) Diethylphthalate	15.59	149	511491	35.785	ng		97
61) 4-Chlorophenyl-phenylether	15.82	204	279855	39.405	ng		97
62) 4-Nitroaniline	15.86	138	120424	42.106	ng		94
63) Azobenzene	16.11	77	472604	33.829	ng		96
65) 4,6-Dinitro-2-methylphenol	15.91	198	89799	54.654	ng		93
66) n-Nitrosodiphenylamine	16.03	169	453998	37.794	ng		97
67) 4-Bromophenyl-phenylether	16.72	248	179158	40.877	ng		94
68) Hexachlorobenzene	16.83	284	180101	40.957	ng		97
69) Atrazine	16.97	200	141247	32.176	ng		96
70) Pentachlorophenol	17.17	266	116949	38.266	ng		97
71) Phenanthrene	17.58	178	761344	37.234	ng		100
72) Anthracene	17.67	178	752364	37.355	ng		99
73) Carbazole	17.94	167	729799	36.308	ng		99
74) Di-n-butylphthalate	18.47	149	860311	36.688	ng		99
75) Fluoranthene	19.58	202	890953	37.541	ng		99
77) Benzidine	19.75	184	327103	25.294	ng	#	94
78) Pyrene	19.94	202	910866	37.094	ng		99
80) Butylbenzylphthalate	20.80	149	396466	38.275	ng		95
81) Benzo(a)anthracene	21.80	228	880874	37.793	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	324391	37.535	ng		98
83) Chrysene	21.87	228	845135	38.091	ng		99
84) Bis(2-ethylhexyl)phthalate	21.67	149	557810	37.747	ng		98
85) Di-n-octyl phthalate	22.93	149	932394	38.191	ng		95
86) Indeno(1,2,3-cd)pyrene	29.08	276	973298	40.886	ng		98
88) Benzo(b)fluoranthene	24.12	252	850822	38.155	ng		98
89) Benzo(k)fluoranthene	24.19	252	842876	37.649	ng		99
90) Benzo(a)pyrene	25.04	252	827759	38.544	ng		99
91) Dibenzo(a,h)anthracene	29.15	278	787400	39.151	ng		98
92) Benzo(g,h,i)perylene	30.32	276	791757	39.497	ng		97

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

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