Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030619\
Data File : BG039782.D
Acq On : 6 Mar 2019 11:31
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 07 00:07:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	39271	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	189174	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	130416	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	308097	20.00	ng		0.00
76) Chrysene-d12	21.82	240	303271	20.00	ng		-0.01
87) Perylene-d12	25.19	264	307244	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	191171	83.05	ng		-0.01
7) Phenol-d6	7.30	99	295137	85.99	ng		-0.01
23) Nitrobenzene-d5	9.33	82	283627	81.09	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	122681	80.71	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	713946	77.95	ng		-0.01
79) Terphenyl-d14	20.12	244	1105560	80.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	42747	40.224	ng		95
3) Pyridine	3.99	79	121081	42.557	ng		97
4) n-Nitrosodimethylamine	3.92	42	58746	43.525	ng		93
6) Aniline	7.48	93	188266	41.867	ng		99
8) 2-Chlorophenol	7.72	128	115335	41.299	ng		96
9) Benzaldehyde	7.29	77	93368	42.171	ng		98
10) Phenol	7.32	94	157530	42.366	ng		97
11) bis(2-Chloroethyl)ether	7.57	93	121903	42.050	ng		96
12) 1,3-Dichlorobenzene	8.04	146	129688	41.061	ng		99
13) 1,4-Dichlorobenzene	8.19	146	130506	40.566	ng		97
14) 1,2-Dichlorobenzene	8.51	146	124646	40.100	ng		97
15) Benzyl Alcohol	8.39	79	116438	42.766	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	242159	41.765	ng		100
17) 2-Methylphenol	8.59	107	101116	42.648	ng		97
18) Hexachloroethane	9.24	117	47166	40.859	ng		95
19) n-Nitroso-di-n-propylamine	8.96	70	102078	41.319	ng	#	95
20) 3+4-Methylphenols	8.92	107	142865	43.375	ng		98
22) Acetophenone	8.99	105	203370	40.054	ng	#	95
24) Nitrobenzene	9.38	77	146411	39.900	ng		99
25) Isophorone	9.89	82	298350	40.708	ng		97
26) 2-Nitrophenol	10.09	139	70362	39.715	ng	#	91
27) 2,4-Dimethylphenol	10.13	122	111212	40.361	ng		94
28) bis(2-Chloroethoxy)methane	10.37	93	174750	39.236	ng		97
29) 2,4-Dichlorophenol	10.61	162	131077	42.252	ng		95
30) 1,2,4-Trichlorobenzene	10.83	180	135943	38.942	ng		98
31) Naphthalene	11.03	128	399206	39.857	ng		99
32) Benzoic acid	10.26	122	74757	40.681	ng		96
33) 4-Chloroaniline	11.14	127	176216	41.490	ng		98
34) Hexachlorobutadiene	11.29	225	92177	38.641	ng		90
35) Caprolactam	11.92	113	50248	42.401	ng	#	87
36) 4-Chloro-3-methylphenol	12.24	107	152208	42.800	ng		98
37) 2-Methylnaphthalene	12.62	142	303878	40.581	ng		97
38) 1-Methylnaphthalene	12.84	142	294177	40.425	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	173234	39.210	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	87597	36.996 ng		96
43) 2,4,6-Trichlorophenol	13.22	196	109382	42.287 ng		99
44) 2,4,5-Trichlorophenol	13.29	196	120145	41.208 ng		98
46) 1,1'-Biphenyl	13.62	154	423471	39.479 ng		99
47) 2-Chloronaphthalene	13.67	162	320180	39.678 ng		99
48) 2-Nitroaniline	13.87	65	109743	42.318 ng		95
49) Acenaphthylene	14.51	152	538344	40.639 ng		99
50) Dimethylphthalate	14.23	163	426478	39.108 ng		100
51) 2,6-Dinitrotoluene	14.36	165	94068	40.689 ng		99
52) Acenaphthene	14.85	154	314505	39.446 ng		98
53) 3-Nitroaniline	14.70	138	94910	40.840 ng	#	98
54) 2,4-Dinitrophenol	14.90	184	46041	34.761 ng		91
55) Dibenzofuran	15.18	168	521370	39.856 ng		97
56) 4-Nitrophenol	14.98	139	80161	38.559 ng		93
57) 2,4-Dinitrotoluene	15.14	165	133569	41.118 ng		92
58) Fluorene	15.82	166	410033	39.873 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	119477	41.959 ng		98
60) Diethylphthalate	15.58	149	431420	39.963 ng		99
61) 4-Chlorophenyl-phenylether	15.81	204	215718	39.310 ng		96
62) 4-Nitroaniline	15.86	138	104165	41.345 ng		96
63) Azobenzene	16.11	77	400774	40.955 ng		97
65) 4,6-Dinitro-2-methylphenol	15.90	198	69548	38.178 ng		97
66) n-Nitrosodiphenylamine	16.03	169	369819	41.462 ng		99
67) 4-Bromophenyl-phenylether	16.71	248	142017	41.181 ng		97
68) Hexachlorobenzene	16.82	284	143966	40.273 ng		99
69) Atrazine	16.97	200	143946	41.006 ng		95
70) Pentachlorophenol	17.17	266	88676	39.278 ng		98
71) Phenanthrene	17.57	178	686878	40.475 ng		99
72) Anthracene	17.66	178	675632	40.855 ng		99
73) Carbazole	17.93	167	601562	40.350 ng		99
74) Di-n-butylphthalate	18.46	149	724319	41.293 ng		100
75) Fluoranthene	19.57	202	796329	39.705 ng		98
77) Benzidine	19.75	184	391027	40.632 ng		98
78) Pyrene	19.93	202	799699	40.580 ng		99
80) Butylbenzylphthalate	20.80	149	325243	42.600 ng		92
81) Benzo(a)anthracene	21.80	228	757943	39.877 ng		99
82) 3,3'-Dichlorobenzidine	21.71	252	285342	41.120 ng		98
83) Chrysene	21.87	228	726073	39.403 ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	454141	42.329 ng		100
85) Di-n-octyl phthalate	22.91	149	758923	42.721 ng		96
86) Indeno(1,2,3-cd)pyrene	29.07	276	850087	40.666 ng	#	95
88) Benzo(b)fluoranthene	24.11	252	749262	40.895 ng		98
89) Benzo(k)fluoranthene	24.18	252	693405	40.658 ng		98
90) Benzo(a)pyrene	25.03	252	706619	41.737 ng		99
91) Dibenzo(a,h)anthracene	29.14	278	672169	40.498 ng		99
92) Benzo(g,h,i)perylene	30.29	276	690389	41.417 ng		99

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

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