Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039649.D
Acq On : 28 Feb 2019 1:14
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 28 01:49:42 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	83463	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	347482	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	211541	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	447152	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	480180	20.00	ng	-0.02
87) Perylene-d12	25.20	264	495990	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	384790	78.91	ng	0.00
7) Phenol-d6	7.32	99	567564	79.07	ng	0.00
23) Nitrobenzene-d5	9.35	82	532759	95.78	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	187918	82.49	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	1168787	79.26	ng	-0.02
79) Terphenyl-d14	20.13	244	1635000	72.07	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.60	88	81326	38.125	ng	92
3) Pyridine	4.01	79	229962	40.718	ng	98
4) n-Nitrosodimethylamine	3.93	42	102773	36.387	ng	91
6) Aniline	7.49	93	339720	37.783	ng	99
8) 2-Chlorophenol	7.73	128	214039	40.153	ng	99
9) Benzaldehyde	7.31	77	149021	42.229	ng	98
10) Phenol	7.34	94	293822	39.267	ng	98
11) bis(2-Chloroethyl)ether	7.59	93	232328	39.293	ng	95
12) 1,3-Dichlorobenzene	8.06	146	254394	39.395	ng	97
13) 1,4-Dichlorobenzene	8.20	146	261008	40.552	ng	99
14) 1,2-Dichlorobenzene	8.53	146	246011	39.483	ng	99
15) Benzyl Alcohol	8.41	79	216356	38.392	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	445883	33.394	ng	99
17) 2-Methylphenol	8.60	107	190202	39.280	ng	97
18) Hexachloroethane	9.26	117	90440	40.842	ng	98
19) n-Nitroso-di-n-propylamine	8.97	70	187550	36.812	ng	92
20) 3+4-Methylphenols	8.93	107	263809	39.563	ng	96
22) Acetophenone	9.00	105	367008	39.320	ng	94
24) Nitrobenzene	9.39	77	273169	45.460	ng	96
25) Isophorone	9.90	82	458117	37.167	ng	98
26) 2-Nitrophenol	10.10	139	138466	55.845	ng	98
27) 2,4-Dimethylphenol	10.14	122	202907	40.694	ng	99
28) bis(2-Chloroethoxy)methane	10.38	93	296907	39.108	ng	96
29) 2,4-Dichlorophenol	10.63	162	232945	42.746	ng	96
30) 1,2,4-Trichlorobenzene	10.85	180	257649	42.112	ng	97
31) Naphthalene	11.04	128	667493	38.721	ng	98
32) Benzoic acid	10.27	122	119262	38.683	ng	95
33) 4-Chloroaniline	11.15	127	302572	37.855	ng	98
34) Hexachlorobutadiene	11.30	225	176874	43.471	ng	94
35) Caprolactam	11.95	113	80298	35.608	ng	96
36) 4-Chloro-3-methylphenol	12.25	107	242032	38.404	ng	99
37) 2-Methylnaphthalene	12.63	142	481141	37.684	ng	97
38) 1-Methylnaphthalene	12.85	142	460670	37.430	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	299882	44.555	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	158700	43.271	ng		99
43) 2,4,6-Trichlorophenol	13.23	196	184380	44.554	ng		99
44) 2,4,5-Trichlorophenol	13.30	196	188961	43.566	ng		96
46) 1,1'-Biphenyl	13.63	154	691457	39.286	ng		99
47) 2-Chloronaphthalene	13.68	162	536914	40.550	ng		99
48) 2-Nitroaniline	13.88	65	172032	45.708	ng		93
49) Acenaphthylene	14.52	152	775842	38.833	ng		100
50) Dimethylphthalate	14.24	163	635280	37.184	ng		99
51) 2,6-Dinitrotoluene	14.37	165	145732	45.962	ng		97
52) Acenaphthene	14.86	154	492645	37.987	ng		99
53) 3-Nitroaniline	14.71	138	145038	42.809	ng	#	93
54) 2,4-Dinitrophenol	14.90	184	43787	41.037	ng		96
55) Dibenzofuran	15.19	168	789525	37.970	ng		98
56) 4-Nitrophenol	14.99	139	109672	38.726	ng		90
57) 2,4-Dinitrotoluene	15.15	165	193281	47.377	ng		87
58) Fluorene	15.83	166	560243	36.143	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	165180	40.674	ng		97
60) Diethylphthalate	15.59	149	611858	34.638	ng		98
61) 4-Chlorophenyl-phenylether	15.82	204	334296	38.088	ng		98
62) 4-Nitroaniline	15.87	138	147470	41.761	ng		93
63) Azobenzene	16.12	77	578613	33.513	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	101237	54.502	ng		96
66) n-Nitrosodiphenylamine	16.04	169	547196	40.246	ng		98
67) 4-Bromophenyl-phenylether	16.72	248	212990	42.936	ng		96
68) Hexachlorobenzene	16.83	284	218501	43.902	ng		96
69) Atrazine	16.97	200	158831	31.967	ng		97
70) Pentachlorophenol	17.17	266	131963	38.149	ng		99
71) Phenanthrene	17.58	178	889899	38.452	ng		99
72) Anthracene	17.67	178	881312	38.661	ng		98
73) Carbazole	17.94	167	867932	38.150	ng		98
74) Di-n-butylphthalate	18.47	149	1004533	37.848	ng		99
75) Fluoranthene	19.58	202	1079214	40.176	ng		100
77) Benzidine	19.76	184	497805	31.621	ng	#	95
78) Pyrene	19.94	202	1100364	36.811	ng		99
80) Butylbenzylphthalate	20.80	149	494476	39.214	ng		99
81) Benzo(a)anthracene	21.81	228	1093049	38.524	ng		100
82) 3,3'-Dichlorobenzidine	21.72	252	414823	39.429	ng		99
83) Chrysene	21.88	228	1041140	38.547	ng		100
84) Bis(2-ethylhexyl)phthalate	21.67	149	691475	38.437	ng		97
85) Di-n-octyl phthalate	22.93	149	1157816	38.957	ng		96
86) Indeno(1,2,3-cd)pyrene	29.09	276	1216253	41.970	ng	#	95
88) Benzo(b)fluoranthene	24.12	252	1071465	39.612	ng		97
89) Benzo(k)fluoranthene	24.19	252	1040670	38.321	ng		97
90) Benzo(a)pyrene	25.05	252	1032578	39.638	ng		99
91) Dibenzo(a,h)anthracene	29.16	278	990627	40.606	ng		98
92) Benzo(g,h,i)perylene	30.33	276	997589	41.026	ng		99

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

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