Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092619\
Data File : BG042934.D
Acq On : 26 Sep 2019 10:39
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 26 14:10:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	54751	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	229426	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	174357	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	430928	20.00	ng		0.00
76) Chrysene-d12	21.71	240	461844	20.00	ng		0.00
87) Perylene-d12	24.93	264	537356	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	234741	76.51	ng		0.00
7) Phenol-d6	7.24	99	346600	78.45	ng		0.00
23) Nitrobenzene-d5	9.23	82	367939	77.95	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	240496	80.21	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	961602	79.95	ng		0.00
79) Terphenyl-d14	20.04	244	1876321	86.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	47266	36.952	ng		98
3) Pyridine	3.96	79	139394	38.746	ng	#	92
4) n-Nitrosodimethylamine	3.87	42	70979	41.027	ng	#	99
6) Aniline	7.40	93	211405	39.640	ng		99
8) 2-Chlorophenol	7.64	128	127588	39.878	ng		97
9) Benzaldehyde	7.21	77	113829	42.164	ng		84
10) Phenol	7.27	94	158102	39.005	ng		97
11) bis(2-Chloroethyl)ether	7.49	93	124912	39.829	ng		99
12) 1,3-Dichlorobenzene	7.96	146	157766	38.654	ng		96
13) 1,4-Dichlorobenzene	8.11	146	160966	39.562	ng		97
14) 1,2-Dichlorobenzene	8.43	146	154898	39.988	ng		92
15) Benzyl Alcohol	8.32	79	135887	40.910	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	248267	41.220	ng		99
17) 2-Methylphenol	8.52	107	113741	40.103	ng		95
18) Hexachloroethane	9.16	117	59507	38.834	ng		98
19) n-Nitroso-di-n-propylamine	8.88	70	118688	40.913	ng		95
20) 3+4-Methylphenols	8.85	107	157614	40.552	ng		99
22) Acetophenone	8.89	105	250397	42.341	ng	#	97
24) Nitrobenzene	9.28	77	177643	39.456	ng		96
25) Isophorone	9.80	82	328351	39.602	ng		99
26) 2-Nitrophenol	9.99	139	77928	40.659	ng		99
27) 2,4-Dimethylphenol	10.05	122	113590	38.591	ng		97
28) bis(2-Chloroethoxy)methane	10.28	93	185336	39.398	ng		99
29) 2,4-Dichlorophenol	10.53	162	146213	39.941	ng		99
30) 1,2,4-Trichlorobenzene	10.74	180	186913	39.538	ng		96
31) Naphthalene	10.93	128	443566	39.275	ng		99
32) Benzoic acid	10.20	122	99852	44.311	ng		87
33) 4-Chloroaniline	11.04	127	193427	39.469	ng		98
34) Hexachlorobutadiene	11.22	225	140299	39.636	ng		96
35) Caprolactam	11.82	113	50976	39.487	ng		93
36) 4-Chloro-3-methylphenol	12.15	107	161931	40.683	ng		99
37) 2-Methylnaphthalene	12.52	142	347396	40.321	ng		94
38) 1-Methylnaphthalene	12.74	142	328876	40.341	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	295555	45.084	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	162666	38.943 ng		95
43) 2,4,6-Trichlorophenol	13.14	196	151425	39.464 ng		98
44) 2,4,5-Trichlorophenol	13.21	196	158643	40.135 ng		98
46) 1,1'-Biphenyl	13.53	154	571920	43.254 ng		98
47) 2-Chloronaphthalene	13.57	162	392098	39.552 ng		98
48) 2-Nitroaniline	13.78	65	132023	40.048 ng		95
49) Acenaphthylene	14.42	152	605254	39.901 ng		98
50) Dimethylphthalate	14.15	163	519546	39.769 ng		97
51) 2,6-Dinitrotoluene	14.26	165	111500	40.078 ng		97
52) Acenaphthene	14.76	154	415522	40.925 ng		99
53) 3-Nitroaniline	14.60	138	113193	39.370 ng		97
54) 2,4-Dinitrophenol	14.79	184	69942	40.446 ng		94
55) Dibenzofuran	15.09	168	593996	39.548 ng		99
56) 4-Nitrophenol	14.90	139	87710	40.038 ng		96
57) 2,4-Dinitrotoluene	15.05	165	162936	39.994 ng		99
58) Fluorene	15.74	166	513302	40.029 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	169118	40.183 ng		99
60) Diethylphthalate	15.51	149	535633	40.288 ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	305947	39.782 ng		98
62) 4-Nitroaniline	15.76	138	125014	39.868 ng		95
63) Azobenzene	16.03	77	483462	39.941 ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	97532	39.997 ng		99
66) n-Nitrosodiphenylamine	15.94	169	453082	39.828 ng		98
67) 4-Bromophenyl-phenylether	16.63	248	216392	40.009 ng		98
68) Hexachlorobenzene	16.74	284	241475	40.098 ng		95
69) Atrazine	16.89	200	190320	39.730 ng		94
70) Pentachlorophenol	17.09	266	143109	41.184 ng		98
71) Phenanthrene	17.48	178	835377	39.708 ng		98
72) Anthracene	17.57	178	840557	40.022 ng		99
73) Carbazole	17.84	167	770353	39.554 ng		99
74) Di-n-butylphthalate	18.40	149	927528	39.915 ng		100
75) Fluoranthene	19.49	202	1099310	39.506 ng		99
77) Benzidine	19.66	184	499187	43.167 ng		99
78) Pyrene	19.84	202	1117316	40.533 ng		99
80) Butylbenzylphthalate	20.73	149	420838	40.220 ng		95
81) Benzo(a)anthracene	21.69	228	1167212	40.560 ng		98
82) 3,3'-Dichlorobenzidine	21.60	252	462678	40.993 ng		100
83) Chrysene	21.75	228	1117170	40.005 ng		100
84) Bis(2-ethylhexyl)phthalate	21.60	149	589301	39.581 ng		98
85) Di-n-octyl phthalate	22.82	149	987299	40.553 ng		100
86) Indeno(1,2,3-cd)pyrene	28.62	276	1403791	40.379 ng	#	96
88) Benzo(b)fluoranthene	23.91	252	1198963	39.433 ng		99
89) Benzo(k)fluoranthene	23.98	252	1192987	39.662 ng		100
90) Benzo(a)pyrene	24.79	252	1142695	39.835 ng		99
91) Dibenzo(a,h)anthracene	28.69	278	1164621	39.593 ng		99
92) Benzo(g,h,i)perylene	29.78	276	1133199	39.760 ng		99

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

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