Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
Data File : BG042939.D
Acq On : 30 Sep 2019 12:10
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 30 14:18:22 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	51556	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	211679	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	160781	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	410865	20.00	ng		0.00
76) Chrysene-d12	21.70	240	456807	20.00	ng		-0.01
87) Perylene-d12	24.93	264	520901	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	224088	77.57	ng		0.00
7) Phenol-d6	7.24	99	330476	79.44	ng		0.00
23) Nitrobenzene-d5	9.23	82	344399	79.08	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	228596	82.68	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	891717	80.40	ng		0.00
79) Terphenyl-d14	20.04	244	1831561	85.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	45596	37.856	ng		98
3) Pyridine	3.96	79	127904	37.755	ng		96
4) n-Nitrosodimethylamine	3.87	42	69401	42.601	ng		93
6) Aniline	7.40	93	196397	39.108	ng		99
8) 2-Chlorophenol	7.64	128	118061	39.187	ng		98
9) Benzaldehyde	7.21	77	94583	37.206	ng		93
10) Phenol	7.27	94	154795	40.556	ng		99
11) bis(2-Chloroethyl)ether	7.49	93	116065	39.302	ng		98
12) 1,3-Dichlorobenzene	7.96	146	150161	39.071	ng		92
13) 1,4-Dichlorobenzene	8.11	146	153478	40.059	ng		96
14) 1,2-Dichlorobenzene	8.43	146	144235	39.543	ng		99
15) Benzyl Alcohol	8.31	79	126425	40.420	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	229814	40.521	ng		100
17) 2-Methylphenol	8.52	107	104962	39.301	ng	#	95
18) Hexachloroethane	9.16	117	58278	40.389	ng		95
19) n-Nitroso-di-n-propylamine	8.88	70	110495	40.449	ng	#	99
20) 3+4-Methylphenols	8.85	107	143604	39.237	ng		96
22) Acetophenone	8.89	105	212676	38.977	ng	#	94
24) Nitrobenzene	9.27	77	163148	39.274	ng		98
25) Isophorone	9.80	82	300582	39.293	ng		99
26) 2-Nitrophenol	9.99	139	68711	38.855	ng		96
27) 2,4-Dimethylphenol	10.05	122	107934	39.744	ng		97
28) bis(2-Chloroethoxy)methane	10.28	93	169471	39.046	ng		99
29) 2,4-Dichlorophenol	10.53	162	136360	40.372	ng		98
30) 1,2,4-Trichlorobenzene	10.74	180	173796	39.846	ng		93
31) Naphthalene	10.93	128	405013	38.868	ng		100
32) Benzoic acid	10.19	122	75800	37.682	ng		90
33) 4-Chloroaniline	11.03	127	182074	40.268	ng		98
34) Hexachlorobutadiene	11.21	225	131720	40.333	ng		97
35) Caprolactam	11.81	113	48344	40.588	ng		95
36) 4-Chloro-3-methylphenol	12.15	107	148481	40.432	ng		98
37) 2-Methylnaphthalene	12.52	142	320453	40.312	ng		96
38) 1-Methylnaphthalene	12.74	142	305477	40.612	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	230690	38.161	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	147201	38.217	ng	98
43) 2,4,6-Trichlorophenol	13.13	196	138158	39.046	ng	96
44) 2,4,5-Trichlorophenol	13.20	196	146064	40.072	ng	98
46) 1,1'-Biphenyl	13.53	154	461193	37.825	ng	97
47) 2-Chloronaphthalene	13.57	162	362599	39.665	ng	96
48) 2-Nitroaniline	13.77	65	121963	40.120	ng	96
49) Acenaphthylene	14.42	152	565809	40.450	ng	98
50) Dimethylphthalate	14.15	163	482278	40.034	ng	98
51) 2,6-Dinitrotoluene	14.26	165	105720	41.209	ng	98
52) Acenaphthene	14.76	154	384736	41.092	ng	99
53) 3-Nitroaniline	14.59	138	105960	39.966	ng	95
54) 2,4-Dinitrophenol	14.79	184	62277	39.054	ng	98
55) Dibenzofuran	15.09	168	559770	40.416	ng	97
56) 4-Nitrophenol	14.90	139	81068	40.131	ng	93
57) 2,4-Dinitrotoluene	15.04	165	153484	40.855	ng	96
58) Fluorene	15.74	166	481487	40.719	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	155069	39.956	ng	99
60) Diethylphthalate	15.50	149	499564	40.747	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	285187	40.214	ng	97
62) 4-Nitroaniline	15.76	138	119467	41.316	ng	92
63) Azobenzene	16.02	77	456804	40.925	ng	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	85635	36.833	ng	99
66) n-Nitrosodiphenylamine	15.94	169	425553	39.235	ng	99
67) 4-Bromophenyl-phenylether	16.63	248	204518	39.660	ng	97
68) Hexachlorobenzene	16.74	284	226053	39.370	ng	95
69) Atrazine	16.89	200	179909	39.390	ng	96
70) Pentachlorophenol	17.08	266	129250	39.012	ng	96
71) Phenanthrene	17.48	178	799202	39.843	ng	98
72) Anthracene	17.57	178	796972	39.799	ng	99
73) Carbazole	17.84	167	736682	39.672	ng	99
74) Di-n-butylphthalate	18.39	149	887941	40.078	ng	100
75) Fluoranthene	19.48	202	1080172	40.713	ng	99
77) Benzidine	19.66	184	467350	40.859	ng	100
78) Pyrene	19.84	202	1091381	40.029	ng	99
80) Butylbenzylphthalate	20.73	149	414350	40.037	ng	98
81) Benzo(a)anthracene	21.68	228	1139040	40.018	ng	99
82) 3,3'-Dichlorobenzidine	21.60	252	445038	39.865	ng	98
83) Chrysene	21.75	228	1107940	40.111	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	573978	38.977	ng	96
85) Di-n-octyl phthalate	22.81	149	955849	39.694	ng	100
86) Indeno(1,2,3-cd)pyrene	28.61	276	1368518	39.798	ng	99
88) Benzo(b)fluoranthene	23.91	252	1171386	39.743	ng	100
89) Benzo(k)fluoranthene	23.98	252	1172952	40.228	ng	98
90) Benzo(a)pyrene	24.78	252	1122695	40.374	ng	99
91) Dibenzo(a,h)anthracene	28.67	278	1141229	40.023	ng	99
92) Benzo(g,h,i)perylene	29.76	276	1102703	39.912	ng	98

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

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