Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071919\
Data File : BG041725.D
Acq On : 19 Jul 2019 8:35
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 19 11:04:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	123098	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	543314	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	343547	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	799210	20.00	ng		0.00
76) Chrysene-d12	21.65	240	733250	20.00	ng		0.00
87) Perylene-d12	24.84	264	853599	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	606406	80.53	ng		0.00
7) Phenol-d6	7.20	99	827614	81.71	ng		0.00
23) Nitrobenzene-d5	9.20	82	752888	84.27	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	345932	89.35	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	1739086	78.39	ng		0.00
79) Terphenyl-d14	20.00	244	2435103	77.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	136237	38.094	ng		97
3) Pyridine	3.89	79	388683	40.714	ng		96
4) n-Nitrosodimethylamine	3.80	42	166895	37.856	ng		97
6) Aniline	7.36	93	548614	40.303	ng		98
8) 2-Chlorophenol	7.61	128	349748	41.027	ng		97
9) Benzaldehyde	7.18	77	257476	41.729	ng		95
10) Phenol	7.22	94	434113	40.682	ng		100
11) bis(2-Chloroethyl)ether	7.46	93	351399	40.774	ng		96
12) 1,3-Dichlorobenzene	7.93	146	414158	40.716	ng		100
13) 1,4-Dichlorobenzene	8.08	146	414670	40.708	ng		98
14) 1,2-Dichlorobenzene	8.40	146	390472	40.657	ng		96
15) Benzyl Alcohol	8.28	79	324962	40.301	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	692211	38.762	ng		98
17) 2-Methylphenol	8.48	107	307159	41.623	ng		99
18) Hexachloroethane	9.14	117	152767	40.945	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	301215	40.689	ng		97
20) 3+4-Methylphenols	8.81	107	422239	41.753	ng		98
22) Acetophenone	8.86	105	529604	40.022	ng		97
24) Nitrobenzene	9.25	77	404389	41.494	ng		99
25) Isophorone	9.77	82	792500	40.511	ng		99
26) 2-Nitrophenol	9.96	139	201274	45.308	ng		96
27) 2,4-Dimethylphenol	10.01	122	309870	40.034	ng		99
28) bis(2-Chloroethoxy)methane	10.25	93	495813	41.122	ng		99
29) 2,4-Dichlorophenol	10.49	162	375231	42.520	ng		99
30) 1,2,4-Trichlorobenzene	10.71	180	427818	41.288	ng		99
31) Naphthalene	10.90	128	1085808	40.594	ng		99
32) Benzoic acid	10.15	122	250807	43.349	ng		99
33) 4-Chloroaniline	11.00	127	512088	41.504	ng		98
34) Hexachlorobutadiene	11.20	225	278199	41.773	ng		98
35) Caprolactam	11.77	113	136239	42.001	ng	#	88
36) 4-Chloro-3-methylphenol	12.12	107	388600	42.033	ng		97
37) 2-Methylnaphthalene	12.51	142	846253	41.410	ng		99
38) 1-Methylnaphthalene	12.72	142	808099	41.478	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	478899	40.696	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	274903	41.297	ng		98
43) 2,4,6-Trichlorophenol	13.10	196	332547	43.492	ng		97
44) 2,4,5-Trichlorophenol	13.17	196	338799	42.055	ng		99
46) 1,1'-Biphenyl	13.50	154	1031472	40.076	ng		99
47) 2-Chloronaphthalene	13.55	162	865573	40.352	ng		99
48) 2-Nitroaniline	13.73	65	276474	44.268	ng		97
49) Acenaphthylene	14.39	152	1338504	39.971	ng		99
50) Dimethylphthalate	14.12	163	1106563	41.011	ng		99
51) 2,6-Dinitrotoluene	14.23	165	257975	45.076	ng		98
52) Acenaphthene	14.73	154	863769	40.932	ng		98
53) 3-Nitroaniline	14.56	138	273804	43.826	ng		94
54) 2,4-Dinitrophenol	14.76	184	125012	46.774	ng		97
55) Dibenzofuran	15.06	168	1276251	40.303	ng		99
56) 4-Nitrophenol	14.85	139	224498	44.384	ng		100
57) 2,4-Dinitrotoluene	15.01	165	358497	47.387	ng		95
58) Fluorene	15.71	166	1031123	40.018	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	324008	43.565	ng		98
60) Diethylphthalate	15.48	149	1100301	40.479	ng		100
61) 4-Chlorophenyl-phenylether	15.70	204	599203	41.140	ng		99
62) 4-Nitroaniline	15.71	138	288851	43.594	ng		99
63) Azobenzene	15.99	77	958190	38.991	ng		97
65) 4,6-Dinitro-2-methylphenol	15.77	198	182307	48.044	ng		98
66) n-Nitrosodiphenylamine	15.91	169	951433	40.538	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	402594	42.336	ng		98
68) Hexachlorobenzene	16.71	284	403477	42.134	ng		99
69) Atrazine	16.85	200	331849	38.962	ng		96
70) Pentachlorophenol	17.05	266	269503	45.011	ng		96
71) Phenanthrene	17.44	178	1622810	40.320	ng		99
72) Anthracene	17.54	178	1623088	40.456	ng		99
73) Carbazole	17.79	167	1498544	40.275	ng		99
74) Di-n-butylphthalate	18.36	149	1758933	38.759	ng		98
75) Fluoranthene	19.44	202	1914380	38.736	ng		98
77) Benzidine	19.62	184	993550	37.976	ng		99
78) Pyrene	19.80	202	1922254	38.761	ng		98
80) Butylbenzylphthalate	20.69	149	838960	40.711	ng		94
81) Benzo(a)anthracene	21.63	228	1913274	40.385	ng		98
82) 3,3'-Dichlorobenzidine	21.54	252	760211	40.778	ng		100
83) Chrysene	21.70	228	1823203	40.275	ng		98
84) Bis(2-ethylhexyl)phthalate	21.55	149	1145745	39.378	ng		98
85) Di-n-octyl phthalate	22.76	149	1982137	40.002	ng		97
86) Indeno(1,2,3-cd)pyrene	28.49	276	2427209	40.635	ng	#	93
88) Benzo(b)fluoranthene	23.83	252	2054643	39.682	ng		98
89) Benzo(k)fluoranthene	23.90	252	1997532	41.635	ng		99
90) Benzo(a)pyrene	24.69	252	1997747	40.780	ng		99
91) Dibenzo(a,h)anthracene	28.56	278	1950028	41.054	ng		99
92) Benzo(g,h,i)perylene	29.63	276	1940244	40.762	ng		99

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

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