Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092519\
Data File : BG042932.D
Acq On : 25 Sep 2019 18:21
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Sep 25 19:03:28 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	61545	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	250568	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	182345	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	442119	20.00	ng		0.00
76) Chrysene-d12	21.71	240	468217	20.00	ng		0.00
87) Perylene-d12	24.94	264	535300	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	269669	78.20	ng		0.00
7) Phenol-d6	7.24	99	382036	76.93	ng		0.00
23) Nitrobenzene-d5	9.24	82	396809	76.97	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	251107	80.08	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	998097	79.35	ng		0.00
79) Terphenyl-d14	20.05	244	1873881	85.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	52681	36.639	ng		99
3) Pyridine	3.95	79	156291	38.647	ng		97
4) n-Nitrosodimethylamine	3.86	42	78502	40.366	ng		99
6) Aniline	7.40	93	232057	38.709	ng		99
8) 2-Chlorophenol	7.64	128	139537	38.798	ng		96
9) Benzaldehyde	7.21	77	126043	41.534	ng		91
10) Phenol	7.27	94	179384	39.370	ng		100
11) bis(2-Chloroethyl)ether	7.49	93	134656	38.196	ng		96
12) 1,3-Dichlorobenzene	7.97	146	178783	38.968	ng		97
13) 1,4-Dichlorobenzene	8.11	146	176487	38.588	ng		95
14) 1,2-Dichlorobenzene	8.43	146	167108	38.378	ng		95
15) Benzyl Alcohol	8.31	79	147648	39.544	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.60	45	261847	38.676	ng		99
17) 2-Methylphenol	8.52	107	126682	39.735	ng		97
18) Hexachloroethane	9.16	117	63398	36.806	ng		98
19) n-Nitroso-di-n-propylamine	8.88	70	126944	38.928	ng		95
20) 3+4-Methylphenols	8.85	107	171706	39.301	ng		97
22) Acetophenone	8.90	105	273882	42.404	ng	#	98
24) Nitrobenzene	9.28	77	193443	39.340	ng		99
25) Isophorone	9.80	82	347291	38.352	ng		99
26) 2-Nitrophenol	9.99	139	84437	40.337	ng		99
27) 2,4-Dimethylphenol	10.05	122	124776	38.815	ng		98
28) bis(2-Chloroethoxy)methane	10.28	93	200519	39.029	ng		97
29) 2,4-Dichlorophenol	10.53	162	159512	39.897	ng		99
30) 1,2,4-Trichlorobenzene	10.74	180	198657	38.477	ng		97
31) Naphthalene	10.93	128	474861	38.498	ng		100
32) Benzoic acid	10.20	122	115083	46.330	ng		95
33) 4-Chloroaniline	11.03	127	213506	39.891	ng		98
34) Hexachlorobutadiene	11.22	225	149395	38.645	ng		98
35) Caprolactam	11.82	113	55573	39.416	ng		95
36) 4-Chloro-3-methylphenol	12.16	107	173902	40.005	ng		97
37) 2-Methylnaphthalene	12.53	142	363904	38.673	ng		94
38) 1-Methylnaphthalene	12.75	142	348614	39.154	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	308682	45.023	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	169214	38.736	ng		97
43) 2,4,6-Trichlorophenol	13.13	196	155611	38.778	ng		99
44) 2,4,5-Trichlorophenol	13.21	196	164655	39.831	ng		96
46) 1,1'-Biphenyl	13.53	154	601229	43.479	ng		100
47) 2-Chloronaphthalene	13.57	162	406473	39.206	ng		98
48) 2-Nitroaniline	13.77	65	137425	39.860	ng		93
49) Acenaphthylene	14.42	152	623440	39.299	ng		99
50) Dimethylphthalate	14.15	163	535580	39.201	ng		99
51) 2,6-Dinitrotoluene	14.27	165	113578	39.037	ng		97
52) Acenaphthene	14.76	154	429234	40.423	ng		97
53) 3-Nitroaniline	14.59	138	116694	38.810	ng		98
54) 2,4-Dinitrophenol	14.79	184	72695	40.196	ng		97
55) Dibenzofuran	15.09	168	621281	39.552	ng		99
56) 4-Nitrophenol	14.91	139	89986	39.278	ng		97
57) 2,4-Dinitrotoluene	15.05	165	169281	39.731	ng		99
58) Fluorene	15.74	166	524306	39.096	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.32	232	179887	40.869	ng		98
60) Diethylphthalate	15.51	149	547814	39.399	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	313248	38.948	ng		98
62) 4-Nitroaniline	15.76	138	130114	39.677	ng		97
63) Azobenzene	16.02	77	501614	39.625	ng		96
65) 4,6-Dinitro-2-methylphenol	15.81	198	97046	38.790	ng		98
66) n-Nitrosodiphenylamine	15.95	169	459714	39.388	ng		99
67) 4-Bromophenyl-phenylether	16.63	248	220729	39.778	ng		97
68) Hexachlorobenzene	16.75	284	244527	39.577	ng		99
69) Atrazine	16.89	200	192458	39.159	ng		97
70) Pentachlorophenol	17.09	266	145595	40.839	ng		98
71) Phenanthrene	17.48	178	847314	39.256	ng		98
72) Anthracene	17.57	178	857826	39.810	ng		99
73) Carbazole	17.84	167	784989	39.285	ng		100
74) Di-n-butylphthalate	18.40	149	934693	39.206	ng		99
75) Fluoranthene	19.49	202	1112242	38.959	ng		98
77) Benzidine	19.67	184	468941	39.999	ng		99
78) Pyrene	19.85	202	1125761	40.283	ng		99
80) Butylbenzylphthalate	20.73	149	422773	39.855	ng		99
81) Benzo(a)anthracene	21.69	228	1161940	39.828	ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	451434	39.453	ng		100
83) Chrysene	21.76	228	1121616	39.617	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	601105	39.824	ng		98
85) Di-n-octyl phthalate	22.82	149	983972	39.866	ng		100
86) Indeno(1,2,3-cd)pyrene	28.63	276	1400719	39.742	ng	#	96
88) Benzo(b)fluoranthene	23.92	252	1181285	39.001	ng		98
89) Benzo(k)fluoranthene	23.98	252	1192979	39.814	ng		100
90) Benzo(a)pyrene	24.79	252	1126312	39.414	ng		100
91) Dibenzo(a,h)anthracene	28.69	278	1152868	39.344	ng		98
92) Benzo(g,h,i)perylene	29.78	276	1124360	39.601	ng		97

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

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