Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092519\
Data File : BG042927.D
Acq On : 25 Sep 2019 14:02
Operator : HP/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Quant Time: Sep 25 15:36:51 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 12:51:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	59882	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	236090	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	167729	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	415968	20.00	ng		0.00
76) Chrysene-d12	21.71	240	456364	20.00	ng		0.00
87) Perylene-d12	24.94	264	523714	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	548078	158.68	ng		0.00
7) Phenol-d6	7.25	99	769206	154.27	ng		0.00
23) Nitrobenzene-d5	9.24	82	772862	159.69	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	469828	177.62	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1760567	154.00	ng		0.00
79) Terphenyl-d14	20.05	244	3078488	137.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	111726	77.837	ng		99
3) Pyridine	3.96	79	307488	73.594	ng		98
4) n-Nitrosodimethylamine	3.87	42	156369	80.743	ng		91
6) Aniline	7.41	93	464029	76.316	ng		98
8) 2-Chlorophenol	7.65	128	277158	78.367	ng		99
10) Phenol	7.28	94	349970	75.298	ng		97
11) bis(2-Chloroethyl)ether	7.50	93	272408	75.182	ng		98
12) 1,3-Dichlorobenzene	7.97	146	348612	78.091	ng		99
13) 1,4-Dichlorobenzene	8.11	146	352786	78.602	ng		99
14) 1,2-Dichlorobenzene	8.43	146	332010	77.937	ng		94
15) Benzyl Alcohol	8.32	79	296752	79.146	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.61	45	501724	71.263	ng		98
17) 2-Methylphenol	8.52	107	248082	77.282	ng		97
18) Hexachloroethane	9.16	117	130704	79.479	ng		99
19) n-Nitroso-di-n-propylamine	8.88	70	244464	73.507	ng		96
20) 3+4-Methylphenols	8.85	107	341121	77.388	ng		97
22) Acetophenone	8.90	105	470108	76.325	ng	#	98
24) Nitrobenzene	9.28	77	369738	78.857	ng		98
25) Isophorone	9.81	82	678981	78.525	ng		98
26) 2-Nitrophenol	9.99	139	163318	84.490	ng		93
27) 2,4-Dimethylphenol	10.05	122	241443	79.966	ng		97
28) bis(2-Chloroethoxy)methane	10.28	93	374476	75.043	ng		98
29) 2,4-Dichlorophenol	10.53	162	302984	82.371	ng		99
30) 1,2,4-Trichlorobenzene	10.74	180	379783	80.761	ng		97
31) Naphthalene	10.93	128	908789	78.748	ng		98
32) Benzoic acid	10.22	122	213531	91.107	ng		96
33) 4-Chloroaniline	11.04	127	408442	79.474	ng		98
34) Hexachlorobutadiene	11.22	225	284739	83.901	ng		97
35) Caprolactam	11.84	113	110242	83.088	ng		95
36) 4-Chloro-3-methylphenol	12.16	107	327043	80.295	ng		93
37) 2-Methylnaphthalene	12.53	142	690116	78.631	ng		95
38) 1-Methylnaphthalene	12.75	142	648648	78.227	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	486419	78.350	ng		99
41) Hexachlorocyclopentadiene	12.88	237	324720	85.320	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.13	196	301904	83.126	ng	98
44) 2,4,5-Trichlorophenol	13.21	196	312445	83.350	ng	99
46) 1,1'-Biphenyl	13.54	154	971703	76.010	ng	96
47) 2-Chloronaphthalene	13.58	162	750189	77.815	ng	99
48) 2-Nitroaniline	13.78	65	269668	83.366	ng	98
49) Acenaphthylene	14.42	152	1146907	78.642	ng	99
50) Dimethylphthalate	14.15	163	981756	79.986	ng	98
51) 2,6-Dinitrotoluene	14.27	165	219457	83.942	ng	92
52) Acenaphthene	14.76	154	746421	77.326	ng	100
53) 3-Nitroaniline	14.61	138	227620	82.836	ng	98
54) 2,4-Dinitrophenol	14.80	184	147338	95.650	ng	97
55) Dibenzofuran	15.09	168	1115398	77.894	ng	100
56) 4-Nitrophenol	14.91	139	183343	87.602	ng	98
57) 2,4-Dinitrotoluene	15.05	165	318451	85.826	ng	97
58) Fluorene	15.74	166	963005	79.546	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	326179	85.093	ng	99
60) Diethylphthalate	15.52	149	1006361	81.262	ng	98
61) 4-Chlorophenyl-phenylether	15.73	204	576547	80.433	ng	98
62) 4-Nitroaniline	15.77	138	254492	85.537	ng	96
63) Azobenzene	16.03	77	921269	77.414	ng	100
65) 4,6-Dinitro-2-methylphenol	15.82	198	198677	90.185	ng	99
66) n-Nitrosodiphenylamine	15.95	169	856751	76.623	ng	98
67) 4-Bromophenyl-phenylether	16.63	248	407776	79.682	ng	96
68) Hexachlorobenzene	16.75	284	457298	80.999	ng	98
69) Atrazine	16.90	200	350278	75.922	ng	98
70) Pentachlorophenol	17.09	266	284881	87.782	ng	98
71) Phenanthrene	17.48	178	1532948	75.872	ng	96
72) Anthracene	17.57	178	1540922	76.671	ng	97
73) Carbazole	17.84	167	1455188	77.663	ng	97
74) Di-n-butylphthalate	18.40	149	1734698	79.522	ng	97
75) Fluoranthene	19.49	202	1998333	78.061	ng	96
77) Benzidine	19.66	184	846853	66.848	ng	96
78) Pyrene	19.85	202	2022916	74.324	ng	93
80) Butylbenzylphthalate	20.73	149	830190	78.988	ng	97
81) Benzo(a)anthracene	21.69	228	2145202	76.326	ng	95
82) 3,3'-Dichlorobenzidine	21.61	252	867798	77.520	ng	98
83) Chrysene	21.76	228	2070338	76.176	ng	95
84) Bis(2-ethylhexyl)phthalate	21.60	149	1170755	78.760	ng	100
85) Di-n-octyl phthalate	22.83	149	1893783	76.995	ng	99
86) Indeno(1,2,3-cd)pyrene	28.64	276	2731932	80.624	ng	98
88) Benzo(b)fluoranthene	23.92	252	2311663	77.515	ng	97
89) Benzo(k)fluoranthene	23.99	252	2208989	76.672	ng	97
90) Benzo(a)pyrene	24.80	252	2181115	77.656	ng	97
91) Dibenzo(a,h)anthracene	28.71	278	2249046	78.857	ng	99
92) Benzo(g,h,i)perylene	29.81	276	2184070	79.173	ng	96

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

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