Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052919\
Data File : BG040936.D
Acq On : 29 May 2019 14:12
Operator : HP/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
mohammad
5/30/2019 1:27:53 PM

Quant Time: May 29 16:24:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 16:09:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	46800	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	202649	20.00	ng		0.00
39) Acenaphthene-d10	14.76	164	157468	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	395265	20.00	ng		0.00
76) Chrysene-d12	21.78	240	415579	20.00	ng		0.00
87) Perylene-d12	25.12	264	449718	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	51633	19.45	ng		0.00
7) Phenol-d6	7.26	99	80085	19.59	ng		0.00
23) Nitrobenzene-d5	9.30	82	91089	20.77	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	42617	19.69	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	232692	21.34	ng		0.00
79) Terphenyl-d14	20.09	244	444013	23.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	13486	11.169	ng		89
3) Pyridine	3.94	79	34540	9.869	ng		97
4) n-Nitrosodimethylamine	3.86	42	14617	7.530	ng	#	85
6) Aniline	7.45	93	54187	10.001	ng		98
8) 2-Chlorophenol	7.69	128	31992	9.869	ng		95
9) Benzaldehyde	7.26	77	28608	11.287	ng		84
10) Phenol	7.29	94	42902	9.763	ng		96
11) bis(2-Chloroethyl)ether	7.54	93	31600	9.590	ng		95
12) 1,3-Dichlorobenzene	8.01	146	36499	10.315	ng		96
13) 1,4-Dichlorobenzene	8.16	146	37345	10.411	ng		100
14) 1,2-Dichlorobenzene	8.48	146	37183	10.749	ng		94
15) Benzyl Alcohol	8.36	79	34680	8.153	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	51307	7.821	ng		96
17) 2-Methylphenol	8.55	107	31329	10.075	ng		97
18) Hexachloroethane	9.21	117	14398	9.785	ng		90
19) n-Nitroso-di-n-propylamine	8.93	70	29451	8.003	ng		97
20) 3+4-Methylphenols	8.88	107	41878	9.667	ng		94
22) Acetophenone	8.95	105	56273	9.986	ng	#	99
24) Nitrobenzene	9.34	77	45296	9.680	ng		98
25) Isophorone	9.86	82	84391	8.638	ng		98
26) 2-Nitrophenol	10.05	139	16871	10.058	ng		92
27) 2,4-Dimethylphenol	10.09	122	30831	9.796	ng		92
28) bis(2-Chloroethoxy)methane	10.34	93	45388	9.260	ng		99
29) 2,4-Dichlorophenol	10.59	162	38693	10.814	ng		96
30) 1,2,4-Trichlorobenzene	10.81	180	44683	11.262	ng		97
31) Naphthalene	11.00	128	111233	10.332	ng		99
32) Benzoic acid	10.18	122	15384m	7.140	ng		
33) 4-Chloroaniline	11.11	127	49480	10.366	ng		92
34) Hexachlorobutadiene	11.26	225	33832	11.550	ng		92
35) Caprolactam	11.87	113	12317	8.719	ng		91
36) 4-Chloro-3-methylphenol	12.21	107	45271	10.030	ng		97
37) 2-Methylnaphthalene	12.60	142	86814	10.785	ng		96
38) 1-Methylnaphthalene	12.81	142	79590	10.116	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	62983	10.737	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	15362	4.438	ng		89
43) 2,4,6-Trichlorophenol	13.19	196	39311	11.089	ng		93
44) 2,4,5-Trichlorophenol	13.26	196	43295	11.211	ng		93
46) 1,1'-Biphenyl	13.59	154	114924	9.400	ng		96
47) 2-Chloronaphthalene	13.64	162	101981	10.659	ng		98
48) 2-Nitroaniline	13.84	65	32947	9.674	ng		95
49) Acenaphthylene	14.48	152	152998	9.425	ng		95
50) Dimethylphthalate	14.20	163	135054	10.251	ng		97
51) 2,6-Dinitrotoluene	14.33	165	28078	10.920	ng		95
52) Acenaphthene	14.82	154	91001	9.626	ng		99
53) 3-Nitroaniline	14.67	138	27082	10.279	ng		96
54) 2,4-Dinitrophenol	14.88	184	3390m	2.675	ng		
55) Dibenzofuran	15.15	168	159645	10.310	ng		95
56) 4-Nitrophenol	14.96	139	15710	6.877	ng		89
57) 2,4-Dinitrotoluene	15.11	165	36760	10.521	ng	#	98
58) Fluorene	15.80	166	124203	9.924	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.37	232	39942	10.276	ng		99
60) Diethylphthalate	15.55	149	133942	9.636	ng		99
61) 4-Chlorophenyl-phenylether	15.79	204	78548	10.791	ng		97
62) 4-Nitroaniline	15.82	138	29066	9.862	ng		94
63) Azobenzene	16.08	77	126232	8.818	ng		99
65) 4,6-Dinitro-2-methylphenol	15.87	198	9631	5.294	ng		91
66) n-Nitrosodiphenylamine	16.01	169	112816	9.701	ng		97
67) 4-Bromophenyl-phenylether	16.68	248	51119	10.381	ng		97
68) Hexachlorobenzene	16.79	284	56961	11.187	ng		98
69) Atrazine	16.94	200	48050	10.429	ng		98
70) Pentachlorophenol	17.14	266	19901	6.679	ng		96
71) Phenanthrene	17.54	178	221183	10.389	ng		99
72) Anthracene	17.63	178	215327	10.062	ng		97
73) Carbazole	17.90	167	183251	9.399	ng		98
74) Di-n-butylphthalate	18.44	149	220356	9.364	ng		98
75) Fluoranthene	19.54	202	278306	10.490	ng		98
77) Benzidine	19.72	184	113603	9.984	ng		100
78) Pyrene	19.91	202	280965	10.787	ng		97
80) Butylbenzylphthalate	20.78	149	98122	9.666	ng		98
81) Benzo(a)anthracene	21.76	228	291236	11.088	ng		95
82) 3,3'-Dichlorobenzidine	21.67	252	97782	10.445	ng		98
83) Chrysene	21.83	228	278639	11.155	ng		99
84) Bis(2-ethylhexyl)phthalate	21.63	149	141603	9.663	ng		94
85) Di-n-octyl phthalate	22.88	149	234344	9.495	ng		97
86) Indeno(1,2,3-cd)pyrene	28.95	276	307697	10.189	ng	#	88
88) Benzo(b)fluoranthene	24.05	252	271967	9.896	ng		99
89) Benzo(k)fluoranthene	24.12	252	276170	10.761	ng		100
90) Benzo(a)pyrene	24.96	252	261280	10.044	ng		94
91) Dibenzo(a,h)anthracene	29.02	278	244860	9.301	ng		99
92) Benzo(g,h,i)perylene	30.15	276	242842	9.269	ng		95

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

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