Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062619\
Data File : BG041471.D
Acq On : 26 Jun 2019 17:32
Operator : HP/JU
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
6/28/2019 8:26:56 AM

Quant Time: Jun 27 05:51:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 05:39:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	23837	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	90940	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	67283	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	179447	20.00	ng		0.00
76) Chrysene-d12	21.70	240	200092	20.00	ng		0.00
87) Perylene-d12	24.99	264	217626	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	25354	19.84	ng		0.00
7) Phenol-d6	7.19	99	36769	20.20	ng		0.00
23) Nitrobenzene-d5	9.21	82	44265	20.68	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	22560	20.85	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	107831	20.87	ng		0.00
79) Terphenyl-d14	20.02	244	207324	20.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	5794	9.969	ng	#	88
3) Pyridine	3.84	79	13979	9.234	ng	#	87
4) n-Nitrosodimethylamine	3.76	42	7779	9.011	ng	#	57
6) Aniline	7.36	93	23414	9.793	ng	#	94
8) 2-Chlorophenol	7.60	128	15292	10.229	ng		92
9) Benzaldehyde	7.17	77	13718	12.847	ng		87
10) Phenol	7.21	94	18574	9.715	ng		97
11) bis(2-Chloroethyl)ether	7.44	93	15208	9.800	ng		94
12) 1,3-Dichlorobenzene	7.92	146	19685	10.304	ng		98
13) 1,4-Dichlorobenzene	8.07	146	20165	10.395	ng		97
14) 1,2-Dichlorobenzene	8.38	146	19017	10.205	ng		97
15) Benzyl Alcohol	8.28	79	12749	8.649	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	8.56	45	22662	10.646	ng		94
17) 2-Methylphenol	8.48	107	14221	10.291	ng		90
18) Hexachloroethane	9.11	117	8002	10.494	ng		98
19) n-Nitroso-di-n-propylamine	8.83	70	14935	10.582	ng	#	94
20) 3+4-Methylphenols	8.81	107	17589	9.392	ng		90
22) Acetophenone	8.87	105	28181	10.557	ng	#	99
24) Nitrobenzene	9.25	77	22606	10.527	ng		96
25) Isophorone	9.76	82	40487	10.410	ng		98
26) 2-Nitrophenol	9.98	139	8898	9.972	ng		88
27) 2,4-Dimethylphenol	10.02	122	12611	9.773	ng		88
28) bis(2-Chloroethoxy)methane	10.25	93	21145	10.405	ng		97
29) 2,4-Dichlorophenol	10.52	162	15540	9.096	ng		97
30) 1,2,4-Trichlorobenzene	10.71	180	22783	10.671	ng		89
31) Naphthalene	10.90	128	52427	10.633	ng	#	96
32) Benzoic acid	10.15	122	3309m	4.211	ng		
33) 4-Chloroaniline	11.03	127	20132	9.504	ng		98
34) Hexachlorobutadiene	11.16	225	18337	10.930	ng		98
35) Caprolactam	11.80	113	5280	9.993	ng	#	86
36) 4-Chloro-3-methylphenol	12.15	107	18750	10.174	ng	#	92
37) 2-Methylnaphthalene	12.51	142	38423	10.438	ng		96
38) 1-Methylnaphthalene	12.73	142	37622m	10.825	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	30441	10.517	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	10210	6.527	ng		88
43) 2,4,6-Trichlorophenol	13.12	196	17155	9.950	ng		85
44) 2,4,5-Trichlorophenol	13.20	196	18372	10.822	ng		98
46) 1,1'-Biphenyl	13.51	154	54820	10.544	ng		98
47) 2-Chloronaphthalene	13.56	162	47333	10.491	ng		94
48) 2-Nitroaniline	13.78	65	15324	10.053	ng		90
49) Acenaphthylene	14.41	152	72033	10.686	ng		97
50) Dimethylphthalate	14.12	163	63900	10.584	ng		97
51) 2,6-Dinitrotoluene	14.26	165	13696	10.699	ng		95
52) Acenaphthene	14.74	154	41987	10.604	ng		98
53) 3-Nitroaniline	14.60	138	11510	9.365	ng		97
54) 2,4-Dinitrophenol	14.83	184	4344	5.863	ng	#	75
55) Dibenzofuran	15.08	168	73075	10.556	ng		99
56) 4-Nitrophenol	14.93	139	6708m	8.341	ng		
57) 2,4-Dinitrotoluene	15.05	165	18314	9.975	ng	#	92
58) Fluorene	15.72	166	57889	10.465	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	18041	10.016	ng	#	98
60) Diethylphthalate	15.48	149	65317	10.578	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	36825	10.321	ng		98
62) 4-Nitroaniline	15.77	138	10553	8.740	ng		91
63) Azobenzene	16.00	77	55253	10.606	ng		99
65) 4,6-Dinitro-2-methylphenol	15.82	198	8708	7.690	ng		96
66) n-Nitrosodiphenylamine	15.93	169	51270	10.484	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	25788	10.788	ng		92
68) Hexachlorobenzene	16.72	284	27395	10.625	ng		98
69) Atrazine	16.87	200	25159	17.525	ng		95
70) Pentachlorophenol	17.08	266	9713m	8.405	ng		
71) Phenanthrene	17.47	178	105062	10.844	ng		100
72) Anthracene	17.56	178	107071	11.056	ng		99
73) Carbazole	17.84	167	86778	10.465	ng		96
74) Di-n-butylphthalate	18.37	149	109618	10.523	ng		99
75) Fluoranthene	19.48	202	140711	10.914	ng		100
77) Benzidine	19.67	184	41265	10.301	ng		97
78) Pyrene	19.84	202	142529	10.558	ng		98
80) Butylbenzylphthalate	20.70	149	51010	9.950	ng		95
81) Benzo(a)anthracene	21.68	228	146675	10.763	ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	47330	10.051	ng	#	99
83) Chrysene	21.74	228	145264	11.061	ng		98
84) Bis(2-ethylhexyl)phthalate	21.54	149	73238	10.221	ng		100
85) Di-n-octyl phthalate	22.77	149	124643	10.322	ng		100
86) Indeno(1,2,3-cd)pyrene	28.75	276	167159	10.591	ng		99
88) Benzo(b)fluoranthene	23.93	252	142896	10.533	ng	#	97
89) Benzo(k)fluoranthene	24.00	252	141808	10.597	ng	#	96
90) Benzo(a)pyrene	24.83	252	136227	10.615	ng	#	98
91) Dibenzo(a,h)anthracene	28.81	278	137074	10.675	ng		98
92) Benzo(g,h,i)perylene	29.95	276	136408	10.676	ng		97

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

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