Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
Data File : BG042396.D
Acq On : 22 Aug 2019 9:41
Operator : HP/JU
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
Jagrut
8/23/2019 2:54:00 PM

Quant Time: Aug 22 12:07:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 11:44:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	52120	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	217646	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	157964	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	376262	20.00	ng		0.00
76) Chrysene-d12	21.69	240	381695	20.00	ng		0.00
87) Perylene-d12	24.94	264	452232	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	51998	20.21	ng		0.00
7) Phenol-d6	7.17	99	69107	19.78	ng		0.00
23) Nitrobenzene-d5	9.17	82	63728	20.59	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	45426	21.11	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	213041	22.82	ng		0.00
79) Terphenyl-d14	20.03	244	419968	24.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	12044	10.857	ng		94
3) Pyridine	3.83	79	26706	9.398	ng		89
4) n-Nitrosodimethylamine	3.75	42	8965	9.164	ng	#	93
6) Aniline	7.32	93	46915	10.175	ng		99
8) 2-Chlorophenol	7.57	128	31991	10.230	ng		97
9) Benzaldehyde	7.14	77	21624	11.003	ng		97
10) Phenol	7.19	94	35556	10.010	ng		93
11) bis(2-Chloroethyl)ether	7.42	93	28091	10.013	ng		98
12) 1,3-Dichlorobenzene	7.89	146	41412	10.405	ng		97
13) 1,4-Dichlorobenzene	8.04	146	42193	10.525	ng		99
14) 1,2-Dichlorobenzene	8.36	146	41231	10.777	ng		99
15) Benzyl Alcohol	8.25	79	23944	9.965	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	39341	10.169	ng		97
17) 2-Methylphenol	8.46	107	25845	9.841	ng		94
18) Hexachloroethane	9.10	117	14522	10.540	ng		96
19) n-Nitroso-di-n-propylamine	8.81	70	22748	10.123	ng		96
20) 3+4-Methylphenols	8.79	107	35261	9.705	ng		99
22) Acetophenone	8.83	105	47789	10.334	ng	#	98
24) Nitrobenzene	9.22	77	32250	10.228	ng		98
25) Isophorone	9.74	82	62606	10.117	ng		97
26) 2-Nitrophenol	9.94	139	19248	9.820	ng		97
27) 2,4-Dimethylphenol	10.00	122	27304	10.041	ng		97
28) bis(2-Chloroethoxy)methane	10.23	93	39344	9.871	ng		99
29) 2,4-Dichlorophenol	10.49	162	34769	9.616	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	44792	10.135	ng		99
31) Naphthalene	10.88	128	105189	10.429	ng		99
32) Benzoic acid	10.11	122	10849m	5.988	ng		
33) 4-Chloroaniline	10.99	127	45550	9.904	ng		99
34) Hexachlorobutadiene	11.17	225	30574	10.323	ng		93
35) Caprolactam	11.74	113	11424	9.913	ng		95
36) 4-Chloro-3-methylphenol	12.12	107	33480	9.906	ng		98
37) 2-Methylnaphthalene	12.49	142	82408	10.193	ng		95
38) 1-Methylnaphthalene	12.71	142	80112	10.402	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	54236	10.652	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	20571	7.978	ng		99
43) 2,4,6-Trichlorophenol	13.10	196	34911	10.244	ng		93
44) 2,4,5-Trichlorophenol	13.18	196	36026	10.264	ng		99
46) 1,1'-Biphenyl	13.49	154	110481	10.720	ng		98
47) 2-Chloronaphthalene	13.54	162	94307	10.734	ng		100
48) 2-Nitroaniline	13.74	65	21041	10.133	ng		98
49) Acenaphthylene	14.39	152	142436	10.784	ng		99
50) Dimethylphthalate	14.11	163	122262	10.892	ng		99
51) 2,6-Dinitrotoluene	14.23	165	26561	10.111	ng		96
52) Acenaphthene	14.73	154	85606	10.625	ng		98
53) 3-Nitroaniline	14.57	138	25894	10.024	ng		90
54) 2,4-Dinitrophenol	14.79	184	10557	7.239	ng		97
55) Dibenzofuran	15.06	168	144890	11.040	ng		99
56) 4-Nitrophenol	14.90	139	15378	8.252	ng		99
57) 2,4-Dinitrotoluene	15.03	165	37021	10.079	ng		93
58) Fluorene	15.71	166	118817	11.129	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	36271	10.640	ng	#	93
60) Diethylphthalate	15.47	149	122516	11.282	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	70870	11.054	ng		98
62) 4-Nitroaniline	15.73	138	27865	10.208	ng		93
63) Azobenzene	16.00	77	82071	10.845	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	18938	8.249	ng		95
66) n-Nitrosodiphenylamine	15.92	169	107972	10.255	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	47463	9.912	ng		96
68) Hexachlorobenzene	16.72	284	53125	10.358	ng		98
69) Atrazine	16.87	200	41538	11.510	ng		92
70) Pentachlorophenol	17.08	266	21104	7.730	ng		90
71) Phenanthrene	17.46	178	204381	10.907	ng		98
72) Anthracene	17.55	178	202159	10.817	ng		98
73) Carbazole	17.82	167	179484	10.811	ng		98
74) Di-n-butylphthalate	18.38	149	217031	11.207	ng		99
75) Fluoranthene	19.47	202	262973	11.637	ng		95
77) Benzidine	19.65	184	129269	12.773	ng		98
78) Pyrene	19.83	202	262583	11.180	ng		95
80) Butylbenzylphthalate	20.71	149	96369	10.353	ng		99
81) Benzo(a)anthracene	21.67	228	253693	10.823	ng		97
82) 3,3'-Dichlorobenzidine	21.59	252	100406	10.762	ng		95
83) Chrysene	21.74	228	246389	10.988	ng		98
84) Bis(2-ethylhexyl)phthalate	21.58	149	135547	10.444	ng		96
85) Di-n-octyl phthalate	22.80	149	231778	10.470	ng		99
86) Indeno(1,2,3-cd)pyrene	28.63	276	306296	10.231	ng		100
88) Benzo(b)fluoranthene	23.90	252	265085	10.664	ng		98
89) Benzo(k)fluoranthene	23.97	252	264352	10.880	ng		99
90) Benzo(a)pyrene	24.78	252	253463	10.642	ng		99
91) Dibenzo(a,h)anthracene	28.70	278	253267	10.659	ng		97
92) Benzo(g,h,i)perylene	29.80	276	251646	10.628	ng		98

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

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