Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120919\
Data File : BG043793.D
Acq On : 9 Dec 2019 16:05
Operator : JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
12/10/2019 11:51:06 AM

Quant Time: Dec 09 18:04:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 15:25:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	135481	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	549859	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	383934	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	828333	20.00	ng		0.00
76) Chrysene-d12	21.63	240	676440	20.00	ng		0.00
87) Perylene-d12	24.79	264	770953	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1075271	142.68	ng		0.00
7) Phenol-d6	7.16	99	1542637	140.82	ng		0.00
23) Nitrobenzene-d5	9.16	82	1557191	155.71	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	603984	130.43	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	3004841	128.65	ng		0.00
79) Terphenyl-d14	19.99	244	3576106	119.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	248017	74.225	ng		100
3) Pyridine	3.88	79	649132	68.994	ng		98
4) n-Nitrosodimethylamine	3.79	42	336416	71.981	ng		97
6) Aniline	7.33	93	1028938	72.075	ng		100
8) 2-Chlorophenol	7.57	128	629683	73.260	ng		95
9) Benzaldehyde	7.14	77	341935	52.255	ng		91
10) Phenol	7.19	94	801465	71.266	ng		99
11) bis(2-Chloroethyl)ether	7.42	93	668948	71.273	ng		94
12) 1,3-Dichlorobenzene	7.90	146	737541	72.893	ng		97
13) 1,4-Dichlorobenzene	8.04	146	733831	71.604	ng		98
14) 1,2-Dichlorobenzene	8.36	146	709014	73.117	ng		96
15) Benzyl Alcohol	8.24	79	641563	70.116	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	1073676	66.517	ng		100
17) 2-Methylphenol	8.44	107	585516	72.821	ng		99
18) Hexachloroethane	9.10	117	276421	71.450	ng		99
19) n-Nitroso-di-n-propylamine	8.82	70	598505	69.474	ng		100
20) 3+4-Methylphenols	8.77	107	822856	73.356	ng		99
22) Acetophenone	8.83	105	1059142	72.675	ng	#	97
24) Nitrobenzene	9.20	77	796812	77.514	ng		98
25) Isophorone	9.73	82	1548167	72.197	ng		98
26) 2-Nitrophenol	9.91	139	344795	92.968	ng		98
27) 2,4-Dimethylphenol	9.97	122	567704	77.956	ng		99
28) bis(2-Chloroethoxy)methane	10.21	93	971865	73.534	ng		96
29) 2,4-Dichlorophenol	10.45	162	704357	79.560	ng		98
30) 1,2,4-Trichlorobenzene	10.67	180	785206	75.687	ng		99
31) Naphthalene	10.86	128	2004781	73.499	ng		96
32) Benzoic acid	10.16	122	491381	93.567	ng		96
33) 4-Chloroaniline	10.96	127	1017370	77.417	ng		97
34) Hexachlorobutadiene	11.15	225	482883	70.784	ng		97
35) Caprolactam	11.75	113	277161	76.992	ng		99
36) 4-Chloro-3-methylphenol	12.08	107	744747	74.855	ng		98
37) 2-Methylnaphthalene	12.46	142	1568273	76.296	ng		98
38) 1-Methylnaphthalene	12.68	142	1493083	76.537	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	899469	73.627	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	459790	69.661	ng		99
43) 2,4,6-Trichlorophenol	13.06	196	610659	77.721	ng		99
44) 2,4,5-Trichlorophenol	13.13	196	630170	77.095	ng		97
46) 1,1'-Biphenyl	13.47	154	1952196	73.355	ng		92
47) 2-Chloronaphthalene	13.51	162	1629843	75.098	ng		94
48) 2-Nitroaniline	13.70	65	552184	86.907	ng		95
49) Acenaphthylene	14.36	152	2354927	68.967	ng		92
50) Dimethylphthalate	14.09	163	2019802	66.411	ng		96
51) 2,6-Dinitrotoluene	14.20	165	494655	87.580	ng		98
52) Acenaphthene	14.70	154	1635313	74.890	ng		97
53) 3-Nitroaniline	14.53	138	555275	84.170	ng		95
54) 2,4-Dinitrophenol	14.73	184	198195	85.888	ng		96
55) Dibenzofuran	15.03	168	2255429	66.301	ng	#	91
56) 4-Nitrophenol	14.83	139	424052	76.312	ng		99
57) 2,4-Dinitrotoluene	14.98	165	677549	86.501	ng		99
58) Fluorene	15.68	166	1841142	65.997	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	555113m	67.616	ng		
60) Diethylphthalate	15.46	149	2012844	63.032	ng		94
61) 4-Chlorophenyl-phenylether	15.67	204	1077058	70.123	ng		97
62) 4-Nitroaniline	15.70	138	555154	73.387	ng		99
63) Azobenzene	15.97	77	1856514	64.854	ng		94
65) 4,6-Dinitro-2-methylphenol	15.75	198	280369	99.746	ng		99
66) n-Nitrosodiphenylamine	15.89	169	1739227	79.303	ng		95
67) 4-Bromophenyl-phenylether	16.57	248	697646	79.866	ng		99
68) Hexachlorobenzene	16.69	284	728964	76.335	ng		97
70) Pentachlorophenol	17.02	266	424641	72.873	ng		98
71) Phenanthrene	17.42	178	2760986	67.363	ng	#	89
72) Anthracene	17.51	178	2727647	65.880	ng	#	89
73) Carbazole	17.77	167	2556464	62.322	ng	#	91
74) Di-n-butylphthalate	18.35	149	2870183	54.668	ng	#	91
75) Fluoranthene	19.42	202	3028481	51.511	ng		87
77) Benzidine	19.60	184	1194078	60.430	ng		95
78) Pyrene	19.78	202	3017796	69.126	ng	#	84
80) Butylbenzylphthalate	20.68	149	1485583	74.699	ng		96
81) Benzo(a)anthracene	21.61	228	3055960	67.577	ng	#	86
82) 3,3'-Dichlorobenzidine	21.53	252	1225524	72.267	ng		96
83) Chrysene	21.68	228	2904461	67.875	ng	#	86
84) Bis(2-ethylhexyl)phthalate	21.55	149	2003287	71.591	ng	#	92
85) Di-n-octyl phthalate	22.75	149	3320716	73.164	ng	#	94
86) Indeno(1,2,3-cd)pyrene	28.39	276	4155709	83.487	ng		98
88) Benzo(b)fluoranthene	23.80	252	3412736	74.140	ng		94
89) Benzo(k)fluoranthene	23.87	252	3123882	70.713	ng		93
90) Benzo(a)pyrene	24.65	252	3238132	74.812	ng		95
91) Dibenzo(a,h)anthracene	28.46	278	3311822	78.883	ng		97
92) Benzo(g,h,i)perylene	29.51	276	3293574	79.550	ng		98

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

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