Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120919\
Data File : BG043794.D
Acq On : 9 Dec 2019 16:44
Operator : JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
mohammad
12/10/2019 11:51:09 AM

Quant Time: Dec 09 17:52:52 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	8.01	152	143445	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	575223	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	394465	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	828084	20.00	ng		0.00
76) Chrysene-d12	21.64	240	691291	20.00	ng		0.01
87) Perylene-d12	24.79	264	783804	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	1370597	171.78	ng		0.00
7) Phenol-d6	7.17	99	1936421	166.95	ng		0.01
23) Nitrobenzene-d5	9.16	82	1977034	188.97	ng		0.01
42) 2,4,6-Tribromophenol	16.12	330	748006	157.22	ng		0.01
45) 2-Fluorobiphenyl	13.26	172	3479575	145.00	ng		0.00
79) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	324131	91.618	ng		98
3) Pyridine	3.88	79	829895	83.310	ng		96
4) n-Nitrosodimethylamine	3.79	42	441762	89.273	ng		98
6) Aniline	7.33	93	1281701	84.796	ng		98
8) 2-Chlorophenol	7.57	128	809835	88.988	ng		93
9) Benzaldehyde	7.14	77	375932	54.260	ng		92
10) Phenol	7.20	94	1036522	87.050	ng		99
11) bis(2-Chloroethyl)ether	7.43	93	897277	90.292	ng		96
12) 1,3-Dichlorobenzene	7.90	146	952521	88.913	ng		95
13) 1,4-Dichlorobenzene	8.04	146	946570	87.234	ng		96
14) 1,2-Dichlorobenzene	8.36	146	911318	88.762	ng		96
15) Benzyl Alcohol	8.24	79	815843	84.212	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.54	45	1391187	81.402	ng		99
17) 2-Methylphenol	8.44	107	757570	88.989	ng		99
18) Hexachloroethane	9.09	117	361603	88.279	ng		97
19) n-Nitroso-di-n-propylamine	8.82	70	765245	83.897	ng		98
20) 3+4-Methylphenols	8.78	107	1059471	89.206	ng		98
22) Acetophenone	8.82	105	1336047	87.633	ng	#	94
24) Nitrobenzene	9.21	77	1022719	95.103	ng		96
25) Isophorone	9.73	82	1937782	86.381	ng		96
26) 2-Nitrophenol	9.92	139	460350	118.652	ng		98
27) 2,4-Dimethylphenol	9.98	122	719229	94.408	ng		98
28) bis(2-Chloroethoxy)methane	10.22	93	1229028	88.891	ng		94
29) 2,4-Dichlorophenol	10.45	162	896432	96.791	ng		99
30) 1,2,4-Trichlorobenzene	10.67	180	1015937	93.609	ng		98
31) Naphthalene	10.86	128	2473710	86.692	ng	#	93
32) Benzoic acid	10.18	122	673490	122.589	ng		95
33) 4-Chloroaniline	10.96	127	1287002	93.616	ng		96
34) Hexachlorobutadiene	11.16	225	632414	88.615	ng		97
35) Caprolactam	11.76	113	346651m	92.049	ng		
36) 4-Chloro-3-methylphenol	12.09	107	932746	89.617	ng		99
37) 2-Methylnaphthalene	12.46	142	1959558	91.128	ng		97
38) 1-Methylnaphthalene	12.68	142	1848765	90.591	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	1144216	91.160	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	605217	89.246	ng		100
43) 2,4,6-Trichlorophenol	13.07	196	768224	95.164	ng		99
44) 2,4,5-Trichlorophenol	13.14	196	797703	94.986	ng		97
46) 1,1'-Biphenyl	13.47	154	2376162	86.902	ng		87
47) 2-Chloronaphthalene	13.51	162	1993212	89.389	ng		90
48) 2-Nitroaniline	13.71	65	697539	106.853	ng		96
49) Acenaphthylene	14.36	152	2801041	79.843	ng	#	87
50) Dimethylphthalate	14.09	163	2400595	76.824	ng	#	94
51) 2,6-Dinitrotoluene	14.20	165	619814	106.810	ng		95
52) Acenaphthene	14.70	154	2013558	89.750	ng		96
53) 3-Nitroaniline	14.53	138	686415	101.270	ng		98
54) 2,4-Dinitrophenol	14.73	184	271094	114.342	ng		91
55) Dibenzofuran	15.03	168	2663631	76.210	ng	#	87
56) 4-Nitrophenol	14.83	139	528093	92.498	ng		99
57) 2,4-Dinitrotoluene	14.99	165	845430	105.052	ng		98
58) Fluorene	15.68	166	2213630	77.231	ng	#	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	692066m	82.047	ng		
60) Diethylphthalate	15.46	149	2411023	73.485	ng	#	91
61) 4-Chlorophenyl-phenylether	15.67	204	1331013	84.343	ng		95
62) 4-Nitroaniline	15.70	138	684845	88.114	ng		99
63) Azobenzene	15.97	77	2207130	75.044	ng		90
65) 4,6-Dinitro-2-methylphenol	15.76	198	372701	132.635	ng		96
66) n-Nitrosodiphenylamine	15.89	169	2079047	94.826	ng		92
67) 4-Bromophenyl-phenylether	16.57	248	865618	99.125	ng		99
68) Hexachlorobenzene	16.69	284	901318	94.411	ng		96
70) Pentachlorophenol	17.03	266	508334	87.262	ng		99
71) Phenanthrene	17.42	178	3165342	77.252	ng	#	83
72) Anthracene	17.51	178	3160421	76.356	ng	#	82
73) Carbazole	17.77	167	2969064	72.403	ng	#	84
74) Di-n-butylphthalate	18.35	149	3259319	62.099	ng	#	85
75) Fluoranthene	19.42	202	3451363	58.721	ng		80
77) Benzidine	19.59	184	1280579	63.416	ng	#	92
78) Pyrene	19.78	202	3429761	76.875	ng	#	78
80) Butylbenzylphthalate	20.68	149	1765386	86.861	ng	#	92
81) Benzo(a)anthracene	21.62	228	3591191	77.706	ng	#	79
82) 3,3'-Dichlorobenzidine	21.53	252	1450506	83.696	ng		95
83) Chrysene	21.69	228	3378716	77.261	ng	#	79
84) Bis(2-ethylhexyl)phthalate	21.55	149	2326784	81.366	ng	#	85
85) Di-n-octyl phthalate	22.75	149	3866201	83.352	ng	#	91
86) Indeno(1,2,3-cd)pyrene	28.40	276	5194460	102.114	ng		97
88) Benzo(b)fluoranthene	23.80	252	4106087	87.741	ng	#	92
89) Benzo(k)fluoranthene	23.88	252	3757841	83.669	ng	#	90
90) Benzo(a)pyrene	24.66	252	3923070	89.150	ng		94
91) Dibenzo(a,h)anthracene	28.47	278	4074087	95.448	ng		95
92) Benzo(g,h,i)perylene	29.52	276	4107447	97.581	ng		95

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

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