Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120919\
Data File : BG043791.D
Acq On : 9 Dec 2019 14:47
Operator : JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
12/10/2019 11:51:01 AM

Quant Time: Dec 09 15:43:14 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	133654	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	567719	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	395606	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	849608	20.00	ng	0.00
76) Chrysene-d12	21.63	240	711538	20.00	ng	0.00
87) Perylene-d12	24.79	264	796491	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	727254	97.82	ng	0.00
7) Phenol-d6	7.16	99	1036534	95.91	ng	0.00
23) Nitrobenzene-d5	9.16	82	1033504	100.09	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	391354	82.02	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2220241	92.25	ng	0.00
79) Terphenyl-d14	19.99	244	2888102	91.72	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	163472	49.591	ng	99
3) Pyridine	3.88	79	434910	46.857	ng	95
4) n-Nitrosodimethylamine	3.79	42	219376	47.580	ng	97
6) Aniline	7.32	93	687871	48.843	ng	99
8) 2-Chlorophenol	7.57	128	416800	49.155	ng	97
9) Benzaldehyde	7.14	77	268681	41.621	ng	90
10) Phenol	7.19	94	531128	47.873	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	443430	47.891	ng	98
12) 1,3-Dichlorobenzene	7.89	146	494933	49.584	ng	98
13) 1,4-Dichlorobenzene	8.04	146	496240	49.083	ng	99
14) 1,2-Dichlorobenzene	8.36	146	473800	49.529	ng	97
15) Benzyl Alcohol	8.24	79	410378	45.463	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	717475	45.057	ng	98
17) 2-Methylphenol	8.44	107	380422	47.960	ng	99
18) Hexachloroethane	9.09	117	181756	47.623	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	390712	45.973	ng	99
20) 3+4-Methylphenols	8.77	107	533716	48.230	ng	98
22) Acetophenone	8.82	105	707811	47.040	ng	99
24) Nitrobenzene	9.20	77	521120	49.100	ng	100
25) Isophorone	9.73	82	1018822	46.017	ng	99
26) 2-Nitrophenol	9.92	139	196082	51.207	ng	98
27) 2,4-Dimethylphenol	9.97	122	363407	48.332	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	651094	47.714	ng	99
29) 2,4-Dichlorophenol	10.44	162	453014	49.560	ng	97
30) 1,2,4-Trichlorobenzene	10.67	180	517376	48.302	ng	99
31) Naphthalene	10.86	128	1368972	48.610	ng	99
32) Benzoic acid	10.12	122	265244	48.918	ng	96
33) 4-Chloroaniline	10.96	127	668207	49.248	ng	99
34) Hexachlorobutadiene	11.16	225	319032	45.294	ng	98
35) Caprolactam	11.73	113	178152	47.931	ng	97
36) 4-Chloro-3-methylphenol	12.07	107	486690	47.378	ng	99
37) 2-Methylnaphthalene	12.46	142	1058378	49.870	ng	100
38) 1-Methylnaphthalene	12.68	142	1007275	50.009	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	589654	46.842	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	285964	42.047	ng		97
43) 2,4,6-Trichlorophenol	13.06	196	390053	48.179	ng		99
44) 2,4,5-Trichlorophenol	13.13	196	412418	48.967	ng		98
46) 1,1'-Biphenyl	13.46	154	1353435	49.356	ng		98
47) 2-Chloronaphthalene	13.51	162	1104507	49.391	ng		98
48) 2-Nitroaniline	13.70	65	345808	52.820	ng		97
49) Acenaphthylene	14.35	152	1639179	46.589	ng		97
50) Dimethylphthalate	14.09	163	1408070	44.931	ng		99
51) 2,6-Dinitrotoluene	14.19	165	312483	53.694	ng		96
52) Acenaphthene	14.70	154	1087474	48.332	ng		98
53) 3-Nitroaniline	14.52	138	358720	52.771	ng		96
54) 2,4-Dinitrophenol	14.72	184	105134	44.216	ng	#	86
55) Dibenzofuran	15.03	168	1598179	45.594	ng		97
56) 4-Nitrophenol	14.82	139	267998	46.806	ng		97
57) 2,4-Dinitrotoluene	14.98	165	428515	53.093	ng		98
58) Fluorene	15.68	166	1286391	44.751	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	366771m	43.357	ng		
60) Diethylphthalate	15.46	149	1393308	42.344	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	716065	45.244	ng		99
62) 4-Nitroaniline	15.69	138	364044	46.704	ng		97
63) Azobenzene	15.97	77	1279803	43.389	ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	155636	53.984	ng		96
66) n-Nitrosodiphenylamine	15.89	169	1183944	52.632	ng		99
67) 4-Bromophenyl-phenylether	16.57	248	456387	50.938	ng		96
68) Hexachlorobenzene	16.68	284	482680	49.279	ng		96
69) Atrazine	16.83	200	336607	37.338	ng		99
70) Pentachlorophenol	17.02	266	277793	46.478	ng		97
71) Phenanthrene	17.41	178	1997162	47.507	ng		97
72) Anthracene	17.51	178	1993346	46.939	ng		96
73) Carbazole	17.77	167	1856912	44.135	ng		98
74) Di-n-butylphthalate	18.35	149	2169440	40.287	ng		98
75) Fluoranthene	19.42	202	2285004	37.892	ng		96
77) Benzidine	19.59	184	849999	40.895	ng		98
78) Pyrene	19.78	202	2290699	49.883	ng		96
80) Butylbenzylphthalate	20.68	149	1021972	48.853	ng		99
81) Benzo(a)anthracene	21.61	228	2225101	46.777	ng		96
82) 3,3'-Dichlorobenzidine	21.53	252	849148	47.603	ng		99
83) Chrysene	21.68	228	2147016	47.699	ng		96
84) Bis(2-ethylhexyl)phthalate	21.55	149	1419377	48.222	ng		97
85) Di-n-octyl phthalate	22.75	149	2382792	49.909	ng		98
86) Indeno(1,2,3-cd)pyrene	28.38	276	2751910	52.558	ng	#	93
88) Benzo(b)fluoranthene	23.79	252	2304433	48.458	ng		100
89) Benzo(k)fluoranthene	23.86	252	2272785	49.798	ng		99
90) Benzo(a)pyrene	24.65	252	2223585	49.725	ng		99
91) Dibenzo(a,h)anthracene	28.45	278	2211900	50.995	ng		99
92) Benzo(g,h,i)perylene	29.50	276	2180635	50.980	ng		98

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

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