Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092519\
Data File : BG042925.D
Acq On : 25 Sep 2019 12:46
Operator : HP/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
9/27/2019 8:27:35 AM

Quant Time: Sep 25 14:09:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 12:51:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	60196	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	240879	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	171051	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	400076	20.00	ng		0.00
76) Chrysene-d12	21.72	240	452161	20.00	ng		0.00
87) Perylene-d12	24.95	264	514999	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	353899	101.93	ng		0.00
7) Phenol-d6	7.25	99	502438	100.24	ng		0.00
23) Nitrobenzene-d5	9.24	82	503348	101.94	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	289031	107.15	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1188024	101.90	ng		0.00
79) Terphenyl-d14	20.05	244	2152395	96.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	73570	50.988	ng		97
3) Pyridine	3.96	79	216397	51.522	ng		99
4) n-Nitrosodimethylamine	3.87	42	101598	52.188	ng	#	96
6) Aniline	7.40	93	303893	49.718	ng		100
8) 2-Chlorophenol	7.64	128	179586	50.513	ng		93
9) Benzaldehyde	7.22	77	132996	42.627	ng		97
10) Phenol	7.27	94	235293	50.360	ng		96
11) bis(2-Chloroethyl)ether	7.50	93	179242	49.211	ng		97
12) 1,3-Dichlorobenzene	7.97	146	228585	50.938	ng		99
13) 1,4-Dichlorobenzene	8.11	146	229066	50.771	ng		98
14) 1,2-Dichlorobenzene	8.43	146	216892	50.648	ng		95
15) Benzyl Alcohol	8.31	79	189395	50.250	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	333610	47.137	ng		98
17) 2-Methylphenol	8.52	107	160530	49.747	ng		97
18) Hexachloroethane	9.17	117	84113	50.881	ng		98
19) n-Nitroso-di-n-propylamine	8.88	70	163545	48.919	ng	#	94
20) 3+4-Methylphenols	8.85	107	219018	49.428	ng		97
22) Acetophenone	8.90	105	313470	49.882	ng	#	99
24) Nitrobenzene	9.28	77	242353	50.661	ng		97
25) Isophorone	9.81	82	435125	49.322	ng		99
26) 2-Nitrophenol	9.99	139	103096	52.275	ng		99
27) 2,4-Dimethylphenol	10.05	122	158960	51.601	ng		96
28) bis(2-Chloroethoxy)methane	10.28	93	251276	49.353	ng		98
29) 2,4-Dichlorophenol	10.53	162	197242	52.557	ng		97
30) 1,2,4-Trichlorobenzene	10.74	180	247405	51.565	ng		97
31) Naphthalene	10.93	128	595199	50.550	ng		98
32) Benzoic acid	10.21	122	118124	49.398	ng		98
33) 4-Chloroaniline	11.03	127	257293	49.069	ng		98
34) Hexachlorobutadiene	11.22	225	183866	53.101	ng		98
35) Caprolactam	11.82	113	68233	50.404	ng		95
36) 4-Chloro-3-methylphenol	12.16	107	209523	50.419	ng		96
37) 2-Methylnaphthalene	12.53	142	451931	50.469	ng		98
38) 1-Methylnaphthalene	12.75	142	425458	50.290	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	317388	50.131	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	209841	54.065 ng	95
43) 2,4,6-Trichlorophenol	13.13	196	189850	51.258 ng	98
44) 2,4,5-Trichlorophenol	13.21	196	196481	51.397 ng	97
46) 1,1'-Biphenyl	13.53	154	637181	48.875 ng	99
47) 2-Chloronaphthalene	13.57	162	491337	49.975 ng	98
48) 2-Nitroaniline	13.77	65	166313	50.416 ng	95
49) Acenaphthylene	14.42	152	749674	50.406 ng	100
50) Dimethylphthalate	14.15	163	627435	50.126 ng	98
51) 2,6-Dinitrotoluene	14.27	165	137627	51.620 ng	96
52) Acenaphthene	14.76	154	476286	48.383 ng	98
53) 3-Nitroaniline	14.60	138	140492	50.135 ng	95
54) 2,4-Dinitrophenol	14.79	184	86890	55.313 ng	96
55) Dibenzofuran	15.09	168	727962	49.850 ng	99
56) 4-Nitrophenol	14.91	139	109699	51.397 ng	95
57) 2,4-Dinitrotoluene	15.05	165	198532	52.468 ng	96
58) Fluorene	15.74	166	615667	49.867 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	205211m	52.495 ng	
60) Diethylphthalate	15.51	149	637950	50.513 ng	100
61) 4-Chlorophenyl-phenylether	15.73	204	367594	50.286 ng	98
62) 4-Nitroaniline	15.76	138	155292	51.181 ng	99
63) Azobenzene	16.02	77	579568	47.755 ng	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	114254	53.923 ng	94
66) n-Nitrosodiphenylamine	15.95	169	532536	49.519 ng	97
67) 4-Bromophenyl-phenylether	16.63	248	255247	51.858 ng	98
68) Hexachlorobenzene	16.75	284	285366	52.553 ng	97
69) Atrazine	16.89	200	222439	50.128 ng	95
70) Pentachlorophenol	17.09	266	169236	54.219 ng	97
71) Phenanthrene	17.48	178	983240	50.598 ng	98
72) Anthracene	17.57	178	993665	51.405 ng	99
73) Carbazole	17.84	167	922283	51.177 ng	98
74) Di-n-butylphthalate	18.40	149	1096484	52.261 ng	100
75) Fluoranthene	19.49	202	1304166	52.968 ng	99
77) Benzidine	19.67	184	586879	46.757 ng	99
78) Pyrene	19.85	202	1324102	49.101 ng	99
80) Butylbenzylphthalate	20.74	149	534368	51.315 ng	97
81) Benzo(a)anthracene	21.69	228	1414871	50.809 ng	98
82) 3,3'-Dichlorobenzidine	21.61	252	557544	50.268 ng	97
83) Chrysene	21.76	228	1353499	50.264 ng	100
84) Bis(2-ethylhexyl)phthalate	21.60	149	746219	50.667 ng	99
85) Di-n-octyl phthalate	22.83	149	1217127	49.944 ng	100
86) Indeno(1,2,3-cd)pyrene	28.64	276	1708146	50.879 ng	100
88) Benzo(b)fluoranthene	23.92	252	1477900	50.396 ng	98
89) Benzo(k)fluoranthene	23.99	252	1452623	51.272 ng	99
90) Benzo(a)pyrene	24.80	252	1388826	50.284 ng	99
91) Dibenzo(a,h)anthracene	28.71	278	1426722	50.871 ng	97
92) Benzo(g,h,i)perylene	29.79	276	1378155	50.804 ng	97

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

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