Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092119\
Data File : BG042911.D
Acq On : 21 Sep 2019 14:26
Operator : HP/JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC100

Manual Integrations APPROVED
mohammad
9/24/2019 9:13:26 AM

Quant Time: Sep 23 06:04:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 23 05:23:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	73623	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	302173	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	209094	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	479806	20.00	ng		0.00
76) Chrysene-d12	21.72	240	495213	20.00	ng		0.00
87) Perylene-d12	24.95	264	561287	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	837463	197.89	ng		0.00
7) Phenol-d6	7.27	99	1197994	197.57	ng		0.00
23) Nitrobenzene-d5	9.25	82	1214515	207.39	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	669861	234.84	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	2525757	189.48	ng		0.00
79) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	171458	90.635	ng		97
3) Pyridine	3.97	79	522205	91.830	ng		94
4) n-Nitrosodimethylamine	3.88	42	236162	85.606	ng		95
6) Aniline	7.42	93	741261	91.814	ng		98
8) 2-Chlorophenol	7.66	128	427617	94.286	ng		96
10) Phenol	7.29	94	559707	91.043	ng		98
11) bis(2-Chloroethyl)ether	7.51	93	438389	92.793	ng		96
12) 1,3-Dichlorobenzene	7.98	146	534033	96.378	ng		94
13) 1,4-Dichlorobenzene	8.12	146	535381	96.353	ng		98
14) 1,2-Dichlorobenzene	8.44	146	511565	96.687	ng		97
15) Benzyl Alcohol	8.33	79	470250	91.739	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.61	45	822969	80.637	ng		100
17) 2-Methylphenol	8.53	107	397872	96.248	ng		98
18) Hexachloroethane	9.17	117	202777	98.756	ng		91
19) n-Nitroso-di-n-propylamine	8.90	70	405907	91.862	ng		97
20) 3+4-Methylphenols	8.87	107	547038	95.912	ng		96
22) Acetophenone	8.91	105	752860	97.131	ng	#	96
24) Nitrobenzene	9.29	77	587303	96.891	ng		98
25) Isophorone	9.83	82	1090241	91.406	ng		96
26) 2-Nitrophenol	10.00	139	262502	109.186	ng		97
27) 2,4-Dimethylphenol	10.06	122	385541	92.394	ng		97
28) bis(2-Chloroethoxy)methane	10.30	93	614279	91.911	ng		99
29) 2,4-Dichlorophenol	10.54	162	472292	96.852	ng		97
30) 1,2,4-Trichlorobenzene	10.75	180	589039	98.410	ng		97
31) Naphthalene	10.94	128	1393544	93.660	ng		97
32) Benzoic acid	10.27	122	339793	107.275	ng		95
33) 4-Chloroaniline	11.05	127	643497	93.189	ng		99
34) Hexachlorobutadiene	11.23	225	425394	100.669	ng		98
35) Caprolactam	11.87	113	174002m	96.423	ng		
36) 4-Chloro-3-methylphenol	12.18	107	512561	96.397	ng		95
37) 2-Methylnaphthalene	12.54	142	1073288	96.409	ng		99
38) 1-Methylnaphthalene	12.75	142	1006995	96.376	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	731256	101.768	ng		99
41) Hexachlorocyclopentadiene	12.89	237	488122	119.940	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.14	196	466444	101.727	ng		98
44) 2,4,5-Trichlorophenol	13.22	196	473930	100.764	ng		95
46) 1,1'-Biphenyl	13.54	154	1482359	98.396	ng		95
47) 2-Chloronaphthalene	13.58	162	1147078	94.870	ng		98
48) 2-Nitroaniline	13.79	65	430862	103.234	ng		95
49) Acenaphthylene	14.43	152	1712818	92.946	ng		96
50) Dimethylphthalate	14.16	163	1437041	92.033	ng		97
51) 2,6-Dinitrotoluene	14.28	165	334986	104.068	ng		97
52) Acenaphthene	14.77	154	1114652	91.716	ng		98
53) 3-Nitroaniline	14.62	138	357239	99.796	ng		95
54) 2,4-Dinitrophenol	14.81	184	220013	134.503	ng		98
55) Dibenzofuran	15.10	168	1638973	91.621	ng		95
56) 4-Nitrophenol	14.93	139	277476	100.517	ng		98
57) 2,4-Dinitrotoluene	15.06	165	478609	110.735	ng		98
58) Fluorene	15.75	166	1406475	94.208	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.33	232	482071	105.165	ng		99
60) Diethylphthalate	15.53	149	1455760	91.941	ng		93
61) 4-Chlorophenyl-phenylether	15.74	204	857514	97.173	ng		97
62) 4-Nitroaniline	15.78	138	379850	98.544	ng		99
63) Azobenzene	16.03	77	1386315	90.995	ng		97
65) 4,6-Dinitro-2-methylphenol	15.83	198	284207	134.193	ng		97
66) n-Nitrosodiphenylamine	15.96	169	1246686	96.612	ng		98
67) 4-Bromophenyl-phenylether	16.63	248	586177	100.980	ng		98
68) Hexachlorobenzene	16.75	284	646673	103.791	ng		96
69) Atrazine	16.91	200	508365	107.409	ng		98
70) Pentachlorophenol	17.10	266	404753	110.078	ng		97
71) Phenanthrene	17.49	178	2135253	93.155	ng		95
72) Anthracene	17.58	178	2117461	92.356	ng		93
73) Carbazole	17.85	167	1993972	92.091	ng		95
74) Di-n-butylphthalate	18.41	149	2280761	88.123	ng	#	94
75) Fluoranthene	19.49	202	2583200	87.370	ng		91
77) Benzidine	19.67	184	1109947	79.609	ng		98
78) Pyrene	19.86	202	2589483m	84.328	ng		
80) Butylbenzylphthalate	20.74	149	1123943	91.178	ng		99
81) Benzo(a)anthracene	21.70	228	2714797	86.817	ng		92
82) 3,3'-Dichlorobenzidine	21.61	252	1128927	92.262	ng		97
83) Chrysene	21.77	228	2617644	87.988	ng	#	90
84) Bis(2-ethylhexyl)phthalate	21.61	149	1562604	92.021	ng		92
85) Di-n-octyl phthalate	22.83	149	2504801	86.845	ng		98
86) Indeno(1,2,3-cd)pyrene	28.66	276	3586836	97.169	ng	#	95
88) Benzo(b)fluoranthene	23.93	252	3027321	92.715	ng		96
89) Benzo(k)fluoranthene	24.01	252	2806705	90.312	ng		93
90) Benzo(a)pyrene	24.82	252	2860825	93.244	ng		96
91) Dibenzo(a,h)anthracene	28.73	278	2945771	97.235	ng		97
92) Benzo(g,h,i)perylene	29.83	276	2884175	97.682	ng		98

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

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