Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092119\
Data File : BG042908.D
Acq On : 21 Sep 2019 12:32
Operator : HP/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
mohammad
9/24/2019 9:13:23 AM

Quant Time: Sep 23 05:43:19 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	69952	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	287072	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	202228	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	470772	20.00	ng	0.00
76) Chrysene-d12	21.72	240	487679	20.00	ng	0.00
87) Perylene-d12	24.95	264	556424	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	403241	100.29	ng	0.00
7) Phenol-d6	7.26	99	592884	102.91	ng	0.00
23) Nitrobenzene-d5	9.25	82	599318	107.72	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	323371	117.21	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	1371615	106.39	ng	0.00
79) Terphenyl-d14	20.05	244	2294218	103.78	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	85456	47.544	ng	96
3) Pyridine	3.97	79	254641	47.129	ng	96
4) n-Nitrosodimethylamine	3.88	42	114784	43.791	ng	91
6) Aniline	7.41	93	360775	47.032	ng	99
8) 2-Chlorophenol	7.66	128	210033	48.741	ng	99
9) Benzaldehyde	7.22	77	174768	45.585	ng	97
10) Phenol	7.29	94	274094	46.924	ng	96
11) bis(2-Chloroethyl)ether	7.50	93	214112	47.699	ng	99
12) 1,3-Dichlorobenzene	7.97	146	258940	49.184	ng	99
13) 1,4-Dichlorobenzene	8.12	146	259036	49.065	ng	99
14) 1,2-Dichlorobenzene	8.44	146	248844	49.500	ng	93
15) Benzyl Alcohol	8.33	79	222986	45.784	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.61	45	409379	42.217	ng	99
17) 2-Methylphenol	8.53	107	192603	49.037	ng	99
18) Hexachloroethane	9.17	117	96229	49.325	ng	86
19) n-Nitroso-di-n-propylamine	8.89	70	199463	47.510	ng	99
20) 3+4-Methylphenols	8.86	107	263282	48.584	ng	98
22) Acetophenone	8.91	105	373243	50.687	ng	96
24) Nitrobenzene	9.29	77	290336	50.418	ng	97
25) Isophorone	9.82	82	532751	47.016	ng	99
26) 2-Nitrophenol	10.00	139	121727	53.295	ng	96
27) 2,4-Dimethylphenol	10.06	122	185470	46.786	ng	97
28) bis(2-Chloroethoxy)methane	10.29	93	305565	48.125	ng	98
29) 2,4-Dichlorophenol	10.54	162	227962	49.207	ng	100
30) 1,2,4-Trichlorobenzene	10.75	180	286165	50.324	ng	99
31) Naphthalene	10.94	128	703699	49.784	ng	99
32) Benzoic acid	10.21	122	143363	47.642	ng	94
33) 4-Chloroaniline	11.05	127	316456	48.239	ng	97
34) Hexachlorobutadiene	11.23	225	205784	51.260	ng	98
35) Caprolactam	11.84	113	83566	48.744	ng	96
36) 4-Chloro-3-methylphenol	12.17	107	252569	49.999	ng	96
37) 2-Methylnaphthalene	12.54	142	542585	51.302	ng	99
38) 1-Methylnaphthalene	12.76	142	505038	50.878	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	364205	52.407	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	230616	58.590	ng		95
43) 2,4,6-Trichlorophenol	13.14	196	221710	49.995	ng		93
44) 2,4,5-Trichlorophenol	13.21	196	230962	50.773	ng		94
46) 1,1'-Biphenyl	13.54	154	755705	51.865	ng		100
47) 2-Chloronaphthalene	13.58	162	574883	49.160	ng		96
48) 2-Nitroaniline	13.78	65	199514	49.426	ng		93
49) Acenaphthylene	14.42	152	883786	49.587	ng		99
50) Dimethylphthalate	14.16	163	743368	49.224	ng		99
51) 2,6-Dinitrotoluene	14.27	165	161238	51.792	ng		93
52) Acenaphthene	14.76	154	600764	51.111	ng		99
53) 3-Nitroaniline	14.61	138	170959	49.380	ng		93
54) 2,4-Dinitrophenol	14.80	184	96847	61.217	ng		98
55) Dibenzofuran	15.10	168	861234	49.779	ng		99
56) 4-Nitrophenol	14.92	139	129816	48.623	ng		98
57) 2,4-Dinitrotoluene	15.06	165	231601	55.404	ng		96
58) Fluorene	15.75	166	726499	50.314	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	232452m	52.432	ng		
60) Diethylphthalate	15.52	149	748247	48.861	ng		98
61) 4-Chlorophenyl-phenylether	15.74	204	432423	50.666	ng		99
62) 4-Nitroaniline	15.77	138	185328	49.712	ng		98
63) Azobenzene	16.03	77	724776	49.188	ng		99
65) 4,6-Dinitro-2-methylphenol	15.82	198	129139	62.145	ng		98
66) n-Nitrosodiphenylamine	15.95	169	635771	50.215	ng		99
67) 4-Bromophenyl-phenylether	16.63	248	292803	51.409	ng		99
68) Hexachlorobenzene	16.75	284	317399	51.920	ng		94
69) Atrazine	16.90	200	263005	56.635	ng		100
70) Pentachlorophenol	17.10	266	190269	52.739	ng		97
71) Phenanthrene	17.49	178	1146610	50.983	ng		100
72) Anthracene	17.58	178	1143933	50.852	ng		97
73) Carbazole	17.84	167	1065814	50.169	ng		99
74) Di-n-butylphthalate	18.40	149	1255207	49.429	ng		98
75) Fluoranthene	19.49	202	1441584	49.693	ng		99
77) Benzidine	19.67	184	711093	51.790	ng		99
78) Pyrene	19.85	202	1471728	48.668	ng		99
80) Butylbenzylphthalate	20.74	149	581808	47.927	ng		94
81) Benzo(a)anthracene	21.70	228	1509918	49.032	ng		99
82) 3,3'-Dichlorobenzidine	21.61	252	609280	50.563	ng		100
83) Chrysene	21.76	228	1458680	49.789	ng		98
84) Bis(2-ethylhexyl)phthalate	21.61	149	812557	48.590	ng		97
85) Di-n-octyl phthalate	22.83	149	1352521	47.618	ng		100
86) Indeno(1,2,3-cd)pyrene	28.64	276	1822639	50.139	ng	#	96
88) Benzo(b)fluoranthene	23.92	252	1580062	48.814	ng		99
89) Benzo(k)fluoranthene	24.00	252	1527626	49.584	ng		98
90) Benzo(a)pyrene	24.80	252	1489391	48.968	ng		97
91) Dibenzo(a,h)anthracene	28.71	278	1515846	50.473	ng		99
92) Benzo(g,h,i)perylene	29.80	276	1463299	49.992	ng		99

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

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