Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
Data File : BG045756.D
Acq On : 13 Jun 2020 1:26
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
6/15/2020 8:45:27 AM

Quant Time: Jun 13 02:09:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	102006	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	401866	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	276266	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	596978	20.00	ng		0.00
76) Chrysene-d12	21.61	240	510207	20.00	ng		0.00
87) Perylene-d12	24.75	264	554847	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	465366	89.16	ng		0.05
7) Phenol-d6	7.21	99	686952	92.47	ng		0.07
23) Nitrobenzene-d5	9.12	82	667221	90.54	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	299391	84.74	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	1403566	86.18	ng		0.00
79) Terphenyl-d14	19.96	244	1951158	89.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	91029	35.169	ng		96
3) Pyridine	3.81	79	278481	38.631	ng		95
4) n-Nitrosodimethylamine	3.73	42	103914	44.052	ng		81
6) Aniline	7.29	93	409443	42.220	ng		96
8) 2-Chlorophenol	7.55	128	259238	45.290	ng		100
9) Benzaldehyde	7.09	77	190708	39.401	ng		97
10) Phenol	7.24	94	360165	47.040	ng		97
11) bis(2-Chloroethyl)ether	7.38	93	256615	42.968	ng		100
12) 1,3-Dichlorobenzene	7.84	146	301826	43.879	ng		99
13) 1,4-Dichlorobenzene	7.99	146	296697	43.708	ng		96
14) 1,2-Dichlorobenzene	8.31	146	285750	43.767	ng		98
15) Benzyl Alcohol	8.22	79	287686	46.877	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	244458	43.122	ng	#	14
17) 2-Methylphenol	8.47	107	267752	46.721	ng	#	90
18) Hexachloroethane	9.03	117	115191	44.307	ng		92
19) n-Nitroso-di-n-propylamine	8.76	70	231101	44.985	ng		96
20) 3+4-Methylphenols	8.80	107	348845	44.701	ng	#	86
22) Acetophenone	8.78	105	430122	45.159	ng		96
24) Nitrobenzene	9.16	77	354621	44.914	ng		97
25) Isophorone	9.68	82	625128	43.073	ng		98
26) 2-Nitrophenol	9.87	139	154238	45.665	ng		95
27) 2,4-Dimethylphenol	9.98	122	231668	46.246	ng		99
28) bis(2-Chloroethoxy)methane	10.17	93	336918	44.266	ng		96
29) 2,4-Dichlorophenol	10.45	162	276074	46.669	ng		100
30) 1,2,4-Trichlorobenzene	10.62	180	316942	45.341	ng		99
31) Naphthalene	10.81	128	818589	43.712	ng		98
32) Benzoic acid	10.23	122	175360	50.745	ng		93
33) 4-Chloroaniline	10.94	127	344876	44.058	ng		98
34) Hexachlorobutadiene	11.09	225	230767	46.703	ng		97
35) Caprolactam	11.74	113	90020	41.458	ng		91
36) 4-Chloro-3-methylphenol	12.12	107	309582	46.442	ng		94
37) 2-Methylnaphthalene	12.42	142	613122	43.927	ng		98
38) 1-Methylnaphthalene	12.63	142	573418	43.491	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	350257	45.391	ng		100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	141602	31.793	ng		95
43) 2,4,6-Trichlorophenol	13.06	196	246744	46.031	ng		98
44) 2,4,5-Trichlorophenol	13.16	196	272896	44.551	ng		99
46) 1,1'-Biphenyl	13.43	154	742277	43.727	ng		98
47) 2-Chloronaphthalene	13.47	162	601761	43.655	ng		99
48) 2-Nitroaniline	13.69	65	204938	45.197	ng		99
49) Acenaphthylene	14.32	152	942576	42.571	ng		99
50) Dimethylphthalate	14.06	163	784067	41.372	ng		98
51) 2,6-Dinitrotoluene	14.18	165	181696	42.488	ng		98
52) Acenaphthene	14.66	154	681226m	45.963	ng		
53) 3-Nitroaniline	14.53	138	175668	40.409	ng		94
54) 2,4-Dinitrophenol	14.73	184	160470	58.833	ng		99
55) Dibenzofuran	15.00	168	914105	41.532	ng		93
56) 4-Nitrophenol	14.92	139	158657	48.206	ng		90
57) 2,4-Dinitrotoluene	14.97	165	248870	40.183	ng		98
58) Fluorene	15.65	166	759988	42.030	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	233962	43.414	ng		96
60) Diethylphthalate	15.42	149	792535	40.178	ng		99
61) 4-Chlorophenyl-phenylether	15.64	204	449429	43.435	ng		98
62) 4-Nitroaniline	15.70	138	158603	34.948	ng		96
63) Azobenzene	15.93	77	770348	41.883	ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	141388	40.666	ng		95
66) n-Nitrosodiphenylamine	15.86	169	660132	46.055	ng		97
67) 4-Bromophenyl-phenylether	16.53	248	309147	47.824	ng		97
68) Hexachlorobenzene	16.66	284	316788	46.854	ng		98
69) Atrazine	16.82	200	230862	39.104	ng		98
70) Pentachlorophenol	17.02	266	150315	42.817	ng		97
71) Phenanthrene	17.39	178	1125377	43.182	ng		99
72) Anthracene	17.48	178	1131584	43.237	ng		97
73) Carbazole	17.76	167	1067193	41.833	ng		99
74) Di-n-butylphthalate	18.31	149	1259767	41.142	ng		98
75) Fluoranthene	19.40	202	1306474	39.413	ng		99
77) Benzidine	19.58	184	437788	30.552	ng		100
78) Pyrene	19.76	202	1294344	44.504	ng		99
80) Butylbenzylphthalate	20.65	149	536203	42.713	ng		96
81) Benzo(a)anthracene	21.59	228	1255556	44.176	ng		99
82) 3,3'-Dichlorobenzidine	21.51	252	456789	40.972	ng		97
83) Chrysene	21.66	228	1197615	43.822	ng		99
84) Bis(2-ethylhexyl)phthalate	21.49	149	746448	43.256	ng		98
85) Di-n-octyl phthalate	22.68	149	1225611	41.352	ng		99
86) Indeno(1,2,3-cd)pyrene	28.35	276	1539978	43.092	ng	#	91
88) Benzo(b)fluoranthene	23.76	252	1307042	43.924	ng		99
89) Benzo(k)fluoranthene	23.83	252	1218973	43.603	ng		99
90) Benzo(a)pyrene	24.61	252	1231455	44.435	ng		98
91) Dibenzo(a,h)anthracene	28.40	278	1244053	44.671	ng		98
92) Benzo(g,h,i)perylene	29.46	276	1241130	44.560	ng		97

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

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