Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
Data File : BG045578.D
Acq On : 3 Jun 2020 12:52
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
6/4/2020 12:11:09 PM

Quant Time: Jun 03 13:55:18 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	7.96	152	74640	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	312587	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	223623	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	555908	20.00	ng		0.00
76) Chrysene-d12	21.61	240	503654	20.00	ng		0.01
87) Perylene-d12	24.76	264	539786	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	322059	84.32	ng		0.00
7) Phenol-d6	7.15	99	486683	89.53	ng		0.00
23) Nitrobenzene-d5	9.11	82	485848	84.76	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	245213	85.74	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	1105418	83.85	ng		0.00
79) Terphenyl-d14	19.96	244	1835556	85.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	73176	38.637	ng		99
3) Pyridine	3.80	79	215879	40.927	ng		95
4) n-Nitrosodimethylamine	3.72	42	75634	43.819	ng		87
6) Aniline	7.28	93	311179	43.852	ng		98
8) 2-Chlorophenol	7.53	128	182869	43.662	ng		99
9) Benzaldehyde	7.09	77	144888	40.909	ng		97
10) Phenol	7.18	94	249098	44.462	ng		98
11) bis(2-Chloroethyl)ether	7.38	93	194794	44.576	ng		96
12) 1,3-Dichlorobenzene	7.85	146	216878	43.090	ng		98
13) 1,4-Dichlorobenzene	7.99	146	217893	43.868	ng		98
14) 1,2-Dichlorobenzene	8.31	146	208661	43.677	ng		99
15) Benzyl Alcohol	8.20	79	202579	45.112	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	185075	44.617	ng		97
17) 2-Methylphenol	8.42	107	189607	45.215	ng		98
18) Hexachloroethane	9.04	117	83638	43.965	ng		94
19) n-Nitroso-di-n-propylamine	8.76	70	171437	45.607	ng		98
20) 3+4-Methylphenols	8.75	107	257038	45.012	ng		94
22) Acetophenone	8.78	105	312946	42.241	ng	#	98
24) Nitrobenzene	9.16	77	260434	42.406	ng		96
25) Isophorone	9.68	82	486170	43.066	ng		97
26) 2-Nitrophenol	9.87	139	115468	43.951	ng		94
27) 2,4-Dimethylphenol	9.95	122	169167	43.414	ng		100
28) bis(2-Chloroethoxy)methane	10.17	93	255522	43.160	ng		97
29) 2,4-Dichlorophenol	10.42	162	200938	43.669	ng		99
30) 1,2,4-Trichlorobenzene	10.62	180	233484	42.942	ng		99
31) Naphthalene	10.81	128	615713	42.270	ng		99
32) Benzoic acid	10.13	122	113053	43.774	ng		93
33) 4-Chloroaniline	10.92	127	267553	43.942	ng		99
34) Hexachlorobutadiene	11.11	225	170670	44.406	ng		96
35) Caprolactam	11.70	113	72426	42.882	ng		88
36) 4-Chloro-3-methylphenol	12.07	107	229838	44.327	ng		96
37) 2-Methylnaphthalene	12.42	142	466353	42.955	ng		96
38) 1-Methylnaphthalene	12.64	142	437823	42.691	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	260600	41.722	ng		99

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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	165430	45.887	ng		100
43) 2,4,6-Trichlorophenol	13.04	196	186355	42.949	ng		96
44) 2,4,5-Trichlorophenol	13.12	196	208955	42.143	ng		96
46) 1,1'-Biphenyl	13.43	154	574847	41.836	ng		100
47) 2-Chloronaphthalene	13.47	162	463897	41.576	ng		100
48) 2-Nitroaniline	13.68	65	157404	42.886	ng		93
49) Acenaphthylene	14.32	152	749576	41.823	ng		99
50) Dimethylphthalate	14.05	163	645736	42.094	ng		99
51) 2,6-Dinitrotoluene	14.17	165	148949	43.030	ng		95
52) Acenaphthene	14.67	154	503321m	41.954	ng		
53) 3-Nitroaniline	14.51	138	150264	42.703	ng		99
54) 2,4-Dinitrophenol	14.72	184	79695	38.207	ng		96
55) Dibenzofuran	15.00	168	745675	41.855	ng		98
56) 4-Nitrophenol	14.85	139	107775	40.455	ng		94
57) 2,4-Dinitrotoluene	14.97	165	210712	42.031	ng	#	98
58) Fluorene	15.65	166	627551	42.876	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	180272	41.326	ng		98
60) Diethylphthalate	15.42	149	676017	42.339	ng		99
61) 4-Chlorophenyl-phenylether	15.64	204	361242	43.131	ng		98
62) 4-Nitroaniline	15.68	138	162091	44.124	ng		97
63) Azobenzene	15.93	77	632497	42.483	ng		98
65) 4,6-Dinitro-2-methylphenol	15.73	198	132158	40.820	ng		94
66) n-Nitrosodiphenylamine	15.86	169	548391	41.086	ng		96
67) 4-Bromophenyl-phenylether	16.54	248	249163	41.392	ng		96
68) Hexachlorobenzene	16.66	284	259598	41.232	ng		97
69) Atrazine	16.81	200	220978	40.195	ng		97
70) Pentachlorophenol	17.01	266	135793	41.538	ng		97
71) Phenanthrene	17.39	178	996621	41.066	ng		98
72) Anthracene	17.49	178	999526	41.013	ng		99
73) Carbazole	17.76	167	984604	41.447	ng		100
74) Di-n-butylphthalate	18.31	149	1164486	40.840	ng		99
75) Fluoranthene	19.40	202	1234772	40.002	ng		99
77) Benzidine	19.58	184	508162	35.924	ng		99
78) Pyrene	19.76	202	1234064	42.983	ng		99
80) Butylbenzylphthalate	20.65	149	516557	41.684	ng		98
81) Benzo(a)anthracene	21.59	228	1177682	41.975	ng		99
82) 3,3'-Dichlorobenzidine	21.51	252	437832	39.782	ng		99
83) Chrysene	21.66	228	1111482	41.200	ng		100
84) Bis(2-ethylhexyl)phthalate	21.50	149	702984	41.267	ng		98
85) Di-n-octyl phthalate	22.69	149	1194774	40.836	ng		99
86) Indeno(1,2,3-cd)pyrene	28.35	276	1430382	40.546	ng		100
88) Benzo(b)fluoranthene	23.76	252	1235093	42.664	ng		99
89) Benzo(k)fluoranthene	23.84	252	1165001	42.835	ng		99
90) Benzo(a)pyrene	24.62	252	1151215	42.699	ng		98
91) Dibenzo(a,h)anthracene	28.40	278	1140348	42.089	ng		99
92) Benzo(g,h,i)perylene	29.46	276	1148033	42.368	ng		98

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

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