Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070620\
Data File : BG045948.D
Acq On : 6 Jul 2020 20:22
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
7/7/2020 12:03:33 PM

Quant Time: Jul 07 09:51:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 00:57:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	142169	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	545637	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	320859	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	665120	20.00	ng	0.00
76) Chrysene-d12	21.63	240	582270	20.00	ng	0.00
86) Perylene-d12	24.79	264	635307	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	847111	100.65	ng	0.00
7) Phenol-d6	7.17	99	1222943	95.53	ng	0.00
23) Nitrobenzene-d5	9.17	82	982948	82.30	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	311359	64.28	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1985014	90.92	ng	0.00
79) Terphenyl-d14	19.99	244	2432951	84.68	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	198449	51.483	ng	97
3) Pyridine	3.90	79	607838m	53.214	ng	
4) n-Nitrosodimethylamine	3.82	42	216701	56.519	ng	96
6) Aniline	7.33	93	788525	52.312	ng	99
8) 2-Chlorophenol	7.58	128	456504	50.674	ng	99
9) Benzaldehyde	7.15	77	346901	45.116	ng	99
10) Phenol	7.19	94	619363	49.932	ng	99
11) bis(2-Chloroethyl)ether	7.43	93	510451	54.179	ng	100
12) 1,3-Dichlorobenzene	7.90	146	529678	49.339	ng	98
13) 1,4-Dichlorobenzene	8.05	146	525407	48.997	ng	99
14) 1,2-Dichlorobenzene	8.36	146	500371	48.742	ng	98
15) Benzyl Alcohol	8.24	79	493039	49.768	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	683117	76.931	ng	98
17) 2-Methylphenol	8.45	107	467394	50.632	ng	97
18) Hexachloroethane	9.10	117	201338	49.437	ng	97
19) n-Nitroso-di-n-propylamine	8.82	70	434998	51.685	ng	98
20) 3+4-Methylphenols	8.77	107	632109	52.067	ng	100
22) Acetophenone	8.83	105	720898	48.137	ng	99
24) Nitrobenzene	9.20	77	549731	43.167	ng	99
25) Isophorone	9.73	82	1136581	49.155	ng	99
26) 2-Nitrophenol	9.92	139	184092	34.698	ng	98
27) 2,4-Dimethylphenol	9.98	122	409703	50.579	ng	99
28) bis(2-Chloroethoxy)methane	10.21	93	643034	53.240	ng	99
29) 2,4-Dichlorophenol	10.45	162	424140	44.879	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	464752	41.540	ng	97
31) Naphthalene	10.86	128	1417482	47.517	ng	99
32) Benzoic acid	10.13	122	252072	54.424	ng	96
33) 4-Chloroaniline	10.96	127	636908	50.984	ng	98
34) Hexachlorobutadiene	11.16	225	273294	34.347	ng	99
35) Caprolactam	11.73	113	164047	53.641	ng	91
36) 4-Chloro-3-methylphenol	12.08	107	486473	44.582	ng	98
37) 2-Methylnaphthalene	12.46	142	1016830	45.776	ng	99
38) 1-Methylnaphthalene	12.68	142	969154	46.105	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	453642	42.938	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	277333	57.845 ng	99
43) 2,4,6-Trichlorophenol	13.06	196	314320	43.880 ng	98
44) 2,4,5-Trichlorophenol	13.13	196	354528	43.426 ng	98
46) 1,1'-Biphenyl	13.47	154	1204710	52.443 ng	99
47) 2-Chloronaphthalene	13.51	162	937968	50.548 ng	98
48) 2-Nitroaniline	13.70	65	277056	44.886 ng	96
49) Acenaphthylene	14.35	152	1494961	50.298 ng	99
50) Dimethylphthalate	14.09	163	1176665	46.812 ng	99
51) 2,6-Dinitrotoluene	14.20	165	220366	39.033 ng	99
52) Acenaphthene	14.70	154	972832	53.998 ng	99
53) 3-Nitroaniline	14.53	138	269697	47.826 ng	90
54) 2,4-Dinitrophenol	14.72	184	76090	31.217 ng	89
55) Dibenzofuran	15.03	168	1376277	47.024 ng	98
56) 4-Nitrophenol	14.83	139	209959	57.787 ng	97
57) 2,4-Dinitrotoluene	14.98	165	282506	34.925 ng	94
58) Fluorene	15.68	166	1126883	46.304 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	278467m	39.299 ng	
60) Diethylphthalate	15.46	149	1216244	47.332 ng	99
61) 4-Chlorophenyl-phenylether	15.68	204	569293	40.587 ng	100
62) 4-Nitroaniline	15.69	138	272494	47.084 ng	97
63) Azobenzene	15.97	77	1331081	53.949 ng	99
65) 4,6-Dinitro-2-methylphenol	15.75	198	114157	27.772 ng	96
66) n-Nitrosodiphenylamine	15.89	169	1007078	53.457 ng	99
67) 4-Bromophenyl-phenylether	16.57	248	370562	42.877 ng	99
68) Hexachlorobenzene	16.69	284	365308	40.763 ng	98
69) Atrazine	16.83	200	295455	40.416 ng	97
70) Pentachlorophenol	17.02	266	220738	60.001 ng	98
71) Phenanthrene	17.42	178	1695072	49.415 ng	97
72) Anthracene	17.51	178	1707417	49.985 ng	98
73) Carbazole	17.77	167	1713620	52.686 ng	99
74) Di-n-butylphthalate	18.35	149	2020022	52.453 ng	99
75) Fluoranthene	19.42	202	1908183	45.238 ng	98
77) Benzidine	19.60	184	820648	54.214 ng	99
78) Pyrene	19.78	202	1939850	49.751 ng	100
80) Butylbenzylphthalate	20.69	149	942112	57.726 ng	99
81) Benzo(a)anthracene	21.62	228	1846486	48.912 ng	98
82) 3,3'-Dichlorobenzidine	21.53	252	694266	48.620 ng	99
83) Chrysene	21.68	228	1756080	48.094 ng	97
84) Bis(2-ethylhexyl)phthalate	21.56	149	1323585	58.304 ng	100
85) Di-n-octyl phthalate	22.76	149	2310683	59.009 ng	99
87) Indeno(1,2,3-cd)pyrene	28.39	276	2308011	50.112 ng	99
88) Benzo(b)fluoranthene	23.80	252	1931894	48.499 ng	99
89) Benzo(k)fluoranthene	23.87	252	1875869	49.205 ng	99
90) Benzo(a)pyrene	24.65	252	1853746	49.819 ng	98
91) Dibenzo(a,h)anthracene	28.46	278	1836411	49.722 ng	100
92) Benzo(g,h,i)perylene	29.50	276	1864192	50.428 ng	100

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

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