Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070820\
Data File : BG045985.D
Acq On : 8 Jul 2020 17:59
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 08 18:41:42 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 09:58:42 2020
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
7/10/2020 11:45:50 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	177543	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	710147	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	418098	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	833080	20.00	ng		0.00
76) Chrysene-d12	21.63	240	727095	20.00	ng		0.00
86) Perylene-d12	24.78	264	771645	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	813180	74.28	ng		0.00
7) Phenol-d6	7.16	99	1199443	76.10	ng		0.00
23) Nitrobenzene-d5	9.16	82	1067413	86.51	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	297342	76.63	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1945706	72.59	ng		0.00
79) Terphenyl-d14	19.99	244	2346212	71.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	195106	38.627	ng		99
3) Pyridine	3.90	79	591945	38.758	ng		99
4) n-Nitrosodimethylamine	3.82	42	217534	42.122	ng	#	94
6) Aniline	7.33	93	763562	37.868	ng		99
8) 2-Chlorophenol	7.57	128	442200	37.521	ng		98
9) Benzaldehyde	7.14	77	367689	36.818	ng		96
10) Phenol	7.19	94	601324	38.031	ng		99
11) bis(2-Chloroethyl)ether	7.43	93	499406	38.196	ng		100
12) 1,3-Dichlorobenzene	7.90	146	507183	37.336	ng		99
13) 1,4-Dichlorobenzene	8.05	146	499351	37.367	ng		99
14) 1,2-Dichlorobenzene	8.36	146	474562	36.898	ng		98
15) Benzyl Alcohol	8.24	79	466227	37.724	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	664558	38.957	ng		98
17) 2-Methylphenol	8.44	107	447145	37.689	ng		97
18) Hexachloroethane	9.10	117	194008	37.731	ng		97
19) n-Nitroso-di-n-propylamine	8.82	70	426265	38.496	ng		98
20) 3+4-Methylphenols	8.77	107	613228	37.925	ng		99
22) Acetophenone	8.82	105	685480	36.132	ng	#	97
24) Nitrobenzene	9.20	77	585567	43.000	ng		99
25) Isophorone	9.73	82	1124955	37.349	ng		99
26) 2-Nitrophenol	9.91	139	213273	48.049	ng		97
27) 2,4-Dimethylphenol	9.97	122	390657	36.439	ng		98
28) bis(2-Chloroethoxy)methane	10.21	93	640589	37.874	ng		100
29) 2,4-Dichlorophenol	10.45	162	411686	37.095	ng		99
30) 1,2,4-Trichlorobenzene	10.67	180	450381	36.625	ng		100
31) Naphthalene	10.85	128	1384641	36.371	ng		99
32) Benzoic acid	10.12	122	278534	43.280	ng		95
33) 4-Chloroaniline	10.95	127	620138	36.453	ng		98
34) Hexachlorobutadiene	11.15	225	257824	35.909	ng		99
35) Caprolactam	11.72	113	151376	35.925	ng		93
36) 4-Chloro-3-methylphenol	12.08	107	472249	37.360	ng		98
37) 2-Methylnaphthalene	12.46	142	1003565	37.084	ng		99
38) 1-Methylnaphthalene	12.68	142	941670	36.871	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	435408	36.943	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	251502	35.963	ng		97
43) 2,4,6-Trichlorophenol	13.06	196	312806	39.244	ng		99
44) 2,4,5-Trichlorophenol	13.13	196	350729	38.917	ng		99
46) 1,1'-Biphenyl	13.47	154	1163528	36.994	ng		98
47) 2-Chloronaphthalene	13.51	162	912669	36.778	ng		99
48) 2-Nitroaniline	13.70	65	328185	47.232	ng		98
49) Acenaphthylene	14.35	152	1449530	36.203	ng		99
50) Dimethylphthalate	14.09	163	1124537	35.839	ng		99
51) 2,6-Dinitrotoluene	14.20	165	245462	44.032	ng		96
52) Acenaphthene	14.70	154	939751	37.211	ng		96
53) 3-Nitroaniline	14.52	138	294963	43.155	ng	#	91
54) 2,4-Dinitrophenol	14.72	184	88513	45.050	ng		91
55) Dibenzofuran	15.03	168	1327613	35.862	ng		99
56) 4-Nitrophenol	14.82	139	225209	44.055	ng		96
57) 2,4-Dinitrotoluene	14.98	165	329128	45.889	ng		94
58) Fluorene	15.68	166	1079068	35.532	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.25	232	272850m	39.213	ng		
60) Diethylphthalate	15.45	149	1174282	35.686	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	542151	35.884	ng		97
62) 4-Nitroaniline	15.69	138	291375	44.930	ng		94
63) Azobenzene	15.96	77	1301491	36.850	ng		99
65) 4,6-Dinitro-2-methylphenol	15.75	198	129583	45.575	ng		95
66) n-Nitrosodiphenylamine	15.88	169	963964	37.340	ng		98
67) 4-Bromophenyl-phenylether	16.56	248	349873	37.603	ng		95
68) Hexachlorobenzene	16.69	284	348762	37.354	ng		98
69) Atrazine	16.83	200	281444	36.874	ng		97
70) Pentachlorophenol	17.02	266	211752	40.792	ng		99
71) Phenanthrene	17.42	178	1620541	36.795	ng		98
72) Anthracene	17.50	178	1621938	36.288	ng		99
73) Carbazole	17.77	167	1626283	36.300	ng		100
74) Di-n-butylphthalate	18.35	149	1936495	35.770	ng		100
75) Fluoranthene	19.42	202	1843385	36.206	ng		99
77) Benzidine	19.59	184	699852	33.664	ng		98
78) Pyrene	19.78	202	1850403	37.283	ng		99
80) Butylbenzylphthalate	20.68	149	924558	39.420	ng		97
81) Benzo(a)anthracene	21.62	228	1763207	36.880	ng		100
82) 3,3'-Dichlorobenzidine	21.53	252	656036	37.135	ng		99
83) Chrysene	21.68	228	1684689	36.989	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	1279680	37.588	ng		99
85) Di-n-octyl phthalate	22.75	149	2223762	37.639	ng		99
87) Indeno(1,2,3-cd)pyrene	28.37	276	2160866	38.278	ng		100
88) Benzo(b)fluoranthene	23.79	252	1857130	37.913	ng		98
89) Benzo(k)fluoranthene	23.86	252	1783419	38.504	ng		99
90) Benzo(a)pyrene	24.64	252	1756883	38.142	ng		98
91) Dibenzo(a,h)anthracene	28.45	278	1710042	37.557	ng		100
92) Benzo(g,h,i)perylene	29.49	276	1726645	37.683	ng		100

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

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