Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
Data File : BG046037.D
Acq On : 14 Jul 2020 17:47
Operator : CG/JU
Sample : L3283-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TPMSD

Manual Integrations APPROVED
mohammad
7/15/2020 11:01:33 AM

Quant Time: Jul 14 18:27:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:58:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	122237	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	491913	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	304738	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	669542	20.00	ng		0.00
76) Chrysene-d12	21.63	240	601375	20.00	ng		0.00
86) Perylene-d12	24.78	264	613968	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	745844	98.95	ng		0.00
7) Phenol-d6	7.17	99	1033308	95.22	ng		0.00
23) Nitrobenzene-d5	9.16	82	636981	74.53	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	280741	99.26	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	1168672	59.82	ng		0.00
79) Terphenyl-d14	19.98	244	1611029	59.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	152862	43.956	ng		98
3) Pyridine	3.89	79	434390	41.311	ng		98
4) n-Nitrosodimethylamine	3.80	42	175850	49.456	ng	#	97
6) Aniline	7.32	93	338862	24.409	ng		100
8) 2-Chlorophenol	7.57	128	397330	48.967	ng		97
9) Benzaldehyde	7.14	77	140680	20.461	ng		95
10) Phenol	7.20	94	541591	49.751	ng		99
11) bis(2-Chloroethyl)ether	7.42	93	393041	43.662	ng		99
12) 1,3-Dichlorobenzene	7.89	146	409101	43.741	ng		98
13) 1,4-Dichlorobenzene	8.04	146	407794	44.323	ng		100
14) 1,2-Dichlorobenzene	8.36	146	391197	44.178	ng		97
15) Benzyl Alcohol	8.24	79	380727	44.744	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	520874	44.349	ng		97
17) 2-Methylphenol	8.45	107	353577	43.286	ng		96
18) Hexachloroethane	9.09	117	154542	43.655	ng		97
19) n-Nitroso-di-n-propylamine	8.81	70	336973	44.201	ng		100
20) 3+4-Methylphenols	8.77	107	480386	43.152	ng		99
22) Acetophenone	8.82	105	563943	42.913	ng	#	97
24) Nitrobenzene	9.20	77	486103	51.533	ng		98
25) Isophorone	9.73	82	879556	42.157	ng		100
26) 2-Nitrophenol	9.91	139	192033	62.458	ng		99
27) 2,4-Dimethylphenol	9.97	122	346469	46.654	ng		99
28) bis(2-Chloroethoxy)methane	10.21	93	518662	44.270	ng		100
29) 2,4-Dichlorophenol	10.45	162	356865	46.420	ng		100
30) 1,2,4-Trichlorobenzene	10.67	180	356590	41.863	ng		99
31) Naphthalene	10.85	128	1131657	42.914	ng		100
32) Benzoic acid	10.12	122	234308	51.165	ng		95
33) 4-Chloroaniline	10.95	127	159729	13.555	ng		98
34) Hexachlorobutadiene	11.15	225	200989	40.412	ng		98
35) Caprolactam	11.72	113	144100m	49.369	ng		
36) 4-Chloro-3-methylphenol	12.08	107	414397	47.327	ng		98
37) 2-Methylnaphthalene	12.46	142	816389	43.551	ng		99
38) 1-Methylnaphthalene	12.68	142	782885	44.253	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	348656	40.587	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	441609	86.638	ng		97
43) 2,4,6-Trichlorophenol	13.06	196	271231	46.686	ng		99
44) 2,4,5-Trichlorophenol	13.13	196	293345	44.658	ng		99
46) 1,1'-Biphenyl	13.46	154	990431	43.205	ng		99
47) 2-Chloronaphthalene	13.50	162	757877	41.901	ng		98
48) 2-Nitroaniline	13.70	65	291982	56.910	ng		98
49) Acenaphthylene	14.35	152	1238642	42.444	ng		100
50) Dimethylphthalate	14.09	163	1153748	50.448	ng		99
51) 2,6-Dinitrotoluene	14.19	165	220723	53.549	ng		95
52) Acenaphthene	14.69	154	874891	47.530	ng		97
53) 3-Nitroaniline	14.52	138	130010	27.276	ng	#	91
54) 2,4-Dinitrophenol	14.73	184	195447	124.079	ng		85
55) Dibenzofuran	15.03	168	1142861	42.356	ng		99
56) 4-Nitrophenol	14.84	139	448995	120.504	ng		96
57) 2,4-Dinitrotoluene	14.98	165	306440	57.519	ng		95
58) Fluorene	15.67	166	960214	43.380	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	259942m	51.254	ng		
60) Diethylphthalate	15.45	149	1036547	43.218	ng		98
61) 4-Chlorophenyl-phenylether	15.67	204	453129	41.148	ng		97
62) 4-Nitroaniline	15.69	138	257996	54.582	ng		95
63) Azobenzene	15.96	77	1158427	45.001	ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	145708	61.053	ng		94
66) n-Nitrosodiphenylamine	15.88	169	875499	42.197	ng		99
67) 4-Bromophenyl-phenylether	16.56	248	299139	40.003	ng		98
68) Hexachlorobenzene	16.68	284	306334	40.823	ng		97
69) Atrazine	16.83	200	296095	48.269	ng		99
70) Pentachlorophenol	17.02	266	404332	96.915	ng		100
71) Phenanthrene	17.41	178	1517332	42.866	ng		99
72) Anthracene	17.50	178	1563906	43.536	ng		99
73) Carbazole	17.77	167	1543280	42.861	ng		99
74) Di-n-butylphthalate	18.34	149	1819149	41.809	ng		100
75) Fluoranthene	19.42	202	1805362	44.120	ng		99
77) Benzidine	19.59	184	687485	39.982	ng		99
78) Pyrene	19.78	202	1801261	43.880	ng		100
80) Butylbenzylphthalate	20.68	149	878905	45.308	ng		98
81) Benzo(a)anthracene	21.60	228	1653498	41.816	ng		99
82) 3,3'-Dichlorobenzidine	21.52	252	352958	24.156	ng		98
83) Chrysene	21.67	228	1598151	42.424	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	1220651	43.349	ng		99
85) Di-n-octyl phthalate	22.74	149	2057189	42.099	ng		99
87) Indeno(1,2,3-cd)pyrene	28.35	276	2032967	45.261	ng		98
88) Benzo(b)fluoranthene	23.78	252	1781084	45.698	ng		97
89) Benzo(k)fluoranthene	23.85	252	1670762	45.335	ng		98
90) Benzo(a)pyrene	24.64	252	1631096	44.505	ng		99
91) Dibenzo(a,h)anthracene	28.43	278	1633847	45.100	ng		99
92) Benzo(g,h,i)perylene	29.47	276	1649261	45.238	ng		98

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

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