Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070820\
Data File : BG045974.D
Acq On : 8 Jul 2020 10:11
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/10/2020 11:45:31 AM

Quant Time: Jul 08 11:46:47 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	140772	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	538279	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	320733	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	657257	20.00	ng		0.00
76) Chrysene-d12	21.63	240	594321	20.00	ng		0.00
86) Perylene-d12	24.79	264	615254	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	645459	74.36	ng		0.00
7) Phenol-d6	7.17	99	939750	75.19	ng		0.00
23) Nitrobenzene-d5	9.16	82	820112	87.69	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	235038	78.96	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1550428	75.40	ng		0.00
79) Terphenyl-d14	19.99	244	2010032	75.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	146426	36.562	ng		97
3) Pyridine	3.90	79	465179	38.414	ng		100
4) n-Nitrosodimethylamine	3.82	42	164648	40.209	ng	#	98
6) Aniline	7.33	93	597392	37.366	ng		98
8) 2-Chlorophenol	7.57	128	345543	36.978	ng		98
9) Benzaldehyde	7.14	77	287828	36.350	ng		98
10) Phenol	7.19	94	468178	37.345	ng		99
11) bis(2-Chloroethyl)ether	7.42	93	392997	37.909	ng		97
12) 1,3-Dichlorobenzene	7.90	146	396289	36.792	ng		99
13) 1,4-Dichlorobenzene	8.04	146	388258	36.643	ng		96
14) 1,2-Dichlorobenzene	8.36	146	368994	36.184	ng		98
15) Benzyl Alcohol	8.24	79	362295	36.971	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	513426	37.959	ng		98
17) 2-Methylphenol	8.44	107	347703	36.962	ng		96
18) Hexachloroethane	9.10	117	150239	36.851	ng		95
19) n-Nitroso-di-n-propylamine	8.81	70	326183	37.152	ng		98
20) 3+4-Methylphenols	8.77	107	478809	37.347	ng		99
22) Acetophenone	8.82	105	536312	37.295	ng		98
24) Nitrobenzene	9.20	77	447832	43.386	ng		97
25) Isophorone	9.73	82	866628	37.960	ng		99
26) 2-Nitrophenol	9.91	139	159774	47.489	ng		98
27) 2,4-Dimethylphenol	9.97	122	298385	36.718	ng		99
28) bis(2-Chloroethoxy)methane	10.21	93	484827	37.818	ng		98
29) 2,4-Dichlorophenol	10.45	162	317195	37.706	ng		99
30) 1,2,4-Trichlorobenzene	10.67	180	344513	36.961	ng		99
31) Naphthalene	10.85	128	1081806	37.490	ng		99
32) Benzoic acid	10.10	122	201602	41.621	ng		94
33) 4-Chloroaniline	10.95	127	477862	37.059	ng		99
34) Hexachlorobutadiene	11.15	225	200414	36.825	ng		97
35) Caprolactam	11.71	113	118202	37.008	ng		94
36) 4-Chloro-3-methylphenol	12.07	107	357478	37.310	ng		99
37) 2-Methylnaphthalene	12.46	142	771970	37.634	ng		100
38) 1-Methylnaphthalene	12.68	142	727926	37.602	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	338945	37.489	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	199014	37.097 ng		99
43) 2,4,6-Trichlorophenol	13.06	196	239174	39.115 ng		99
44) 2,4,5-Trichlorophenol	13.13	196	267393	38.677 ng		98
46) 1,1'-Biphenyl	13.47	154	900709	37.331 ng		98
47) 2-Chloronaphthalene	13.50	162	709887	37.290 ng		99
48) 2-Nitroaniline	13.70	65	249166	46.780 ng		98
49) Acenaphthylene	14.35	152	1137767	37.043 ng		99
50) Dimethylphthalate	14.09	163	889594	36.958 ng		100
51) 2,6-Dinitrotoluene	14.19	165	186589	43.662 ng		99
52) Acenaphthene	14.69	154	733954	37.885 ng		99
53) 3-Nitroaniline	14.52	138	225144	42.954 ng	#	93
54) 2,4-Dinitrophenol	14.72	184	66481	44.236 ng	#	77
55) Dibenzofuran	15.03	168	1056756	37.211 ng		99
56) 4-Nitrophenol	14.82	139	176309	44.959 ng		96
57) 2,4-Dinitrotoluene	14.98	165	253048	45.983 ng		95
58) Fluorene	15.68	166	861444	36.977 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	212343m	39.781 ng		
60) Diethylphthalate	15.45	149	921686	36.512 ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	428923	37.008 ng		99
62) 4-Nitroaniline	15.68	138	232250	46.685 ng		93
63) Azobenzene	15.97	77	1026722	37.896 ng		99
65) 4,6-Dinitro-2-methylphenol	15.74	198	100842	45.047 ng		95
66) n-Nitrosodiphenylamine	15.88	169	760321	37.331 ng		99
67) 4-Bromophenyl-phenylether	16.56	248	272579	37.133 ng		95
68) Hexachlorobenzene	16.69	284	270715	36.751 ng		98
69) Atrazine	16.83	200	223384	37.096 ng		98
70) Pentachlorophenol	17.02	266	169482	41.383 ng		98
71) Phenanthrene	17.42	178	1304576	37.545 ng		98
72) Anthracene	17.50	178	1313903	37.260 ng		99
73) Carbazole	17.77	167	1328152	37.576 ng		99
74) Di-n-butylphthalate	18.34	149	1583225	37.067 ng		99
75) Fluoranthene	19.42	202	1525271	37.972 ng		99
77) Benzidine	19.60	184	605071	35.607 ng		99
78) Pyrene	19.78	202	1545623	38.099 ng		99
80) Butylbenzylphthalate	20.68	149	751471	39.198 ng		97
81) Benzo(a)anthracene	21.61	228	1446073	37.004 ng		99
82) 3,3'-Dichlorobenzidine	21.53	252	534850	37.039 ng		99
83) Chrysene	21.68	228	1386840	37.252 ng		100
84) Bis(2-ethylhexyl)phthalate	21.55	149	1058431	38.034 ng		98
85) Di-n-octyl phthalate	22.76	149	1811483	37.511 ng		100
87) Indeno(1,2,3-cd)pyrene	28.37	276	1735266	38.553 ng		99
88) Benzo(b)fluoranthene	23.79	252	1523154	38.998 ng		99
89) Benzo(k)fluoranthene	23.86	252	1429860	38.718 ng		100
90) Benzo(a)pyrene	24.64	252	1421101	38.694 ng		99
91) Dibenzo(a,h)anthracene	28.44	278	1380202	38.018 ng		99
92) Benzo(g,h,i)perylene	29.49	276	1378462	37.731 ng		99

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

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