Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091520\
Data File : BG046619.D
Acq On : 15 Sep 2020 11:10
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/16/2020 10:14:04 AM

Quant Time: Sep 15 13:27:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 13:09:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	58789	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	243268	20.00	ng		0.00
39) Acenaphthene-d10	14.55	164	173358	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	421459	20.00	ng		0.00
76) Chrysene-d12	21.55	240	421860	20.00	ng		0.00
86) Perylene-d12	24.64	264	429145	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	266320	80.24	ng		0.00
7) Phenol-d6	7.10	99	396325	84.23	ng		0.00
23) Nitrobenzene-d5	9.08	82	346833	81.49	ng		0.00
42) 2,4,6-Tribromophenol	16.04	330	193849	82.53	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	940276	82.80	ng		0.00
79) Terphenyl-d14	19.91	244	1581986	79.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	51376	37.205	ng		95
3) Pyridine	3.81	79	171329	42.405	ng		98
4) n-Nitrosodimethylamine	3.72	42	63122	42.360	ng		98
6) Aniline	7.24	93	224854	42.467	ng		100
8) 2-Chlorophenol	7.49	128	145146	41.375	ng		97
9) Benzaldehyde	7.06	77	103539	39.276	ng		94
10) Phenol	7.12	94	182727	42.163	ng		99
11) bis(2-Chloroethyl)ether	7.34	93	145682	41.820	ng		98
12) 1,3-Dichlorobenzene	7.81	146	181236	40.691	ng		99
13) 1,4-Dichlorobenzene	7.96	146	181513	40.707	ng		99
14) 1,2-Dichlorobenzene	8.28	146	173853	40.663	ng		99
15) Benzyl Alcohol	8.16	79	129834	42.979	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.45	45	227610	42.123	ng		99
17) 2-Methylphenol	8.37	107	128792	41.904	ng		98
18) Hexachloroethane	9.01	117	59611	39.429	ng		98
19) n-Nitroso-di-n-propylamine	8.72	70	123325	43.817	ng		99
20) 3+4-Methylphenols	8.70	107	181292	42.735	ng		99
22) Acetophenone	8.74	105	244559	41.299	ng	#	98
24) Nitrobenzene	9.12	77	170455	40.537	ng		97
25) Isophorone	9.64	82	326860	41.887	ng		100
26) 2-Nitrophenol	9.83	139	89564	40.370	ng		97
27) 2,4-Dimethylphenol	9.89	122	125999	41.292	ng		98
28) bis(2-Chloroethoxy)methane	10.12	93	208903	41.593	ng		100
29) 2,4-Dichlorophenol	10.37	162	166553	40.945	ng		100
30) 1,2,4-Trichlorobenzene	10.58	180	193095	40.008	ng		99
31) Naphthalene	10.77	128	487553	41.047	ng		99
32) Benzoic acid	10.06	122	64298m	32.569	ng		
33) 4-Chloroaniline	10.88	127	221517	42.293	ng		96
34) Hexachlorobutadiene	11.06	225	126624	40.415	ng		98
35) Caprolactam	11.65	113	61825	40.660	ng		96
36) 4-Chloro-3-methylphenol	12.01	107	166735	41.909	ng		96
37) 2-Methylnaphthalene	12.38	142	390906	41.729	ng		100
38) 1-Methylnaphthalene	12.60	142	370757	41.783	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	235803	41.248	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	92224	37.101	ng	98
43) 2,4,6-Trichlorophenol	12.99	196	156864	40.661	ng	99
44) 2,4,5-Trichlorophenol	13.07	196	162490	40.089	ng	98
46) 1,1'-Biphenyl	13.38	154	499933	41.449	ng	99
47) 2-Chloronaphthalene	13.43	162	419906	41.061	ng	99
48) 2-Nitroaniline	13.63	65	117383	41.338	ng	99
49) Acenaphthylene	14.28	152	649603	41.876	ng	99
50) Dimethylphthalate	14.01	163	553738	41.287	ng	99
51) 2,6-Dinitrotoluene	14.12	165	122393	41.399	ng	99
52) Acenaphthene	14.62	154	401385	41.755	ng	96
53) 3-Nitroaniline	14.45	138	131203	40.970	ng	98
54) 2,4-Dinitrophenol	14.67	184	65136	37.745	ng	96
55) Dibenzofuran	14.95	168	645725	41.857	ng	100
56) 4-Nitrophenol	14.78	139	94056	39.908	ng	98
57) 2,4-Dinitrotoluene	14.92	165	175452	41.620	ng	99
58) Fluorene	15.60	166	536251	41.416	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	162609	41.313	ng	98
60) Diethylphthalate	15.37	149	544277	41.623	ng	98
61) 4-Chlorophenyl-phenylether	15.59	204	294918	41.358	ng	97
62) 4-Nitroaniline	15.62	138	140110	41.464	ng	99
63) Azobenzene	15.89	77	440551	41.417	ng	98
65) 4,6-Dinitro-2-methylphenol	15.68	198	99511	41.715	ng	96
66) n-Nitrosodiphenylamine	15.81	169	476425	41.902	ng	100
67) 4-Bromophenyl-phenylether	16.49	248	207446	42.189	ng	99
68) Hexachlorobenzene	16.62	284	225670	41.441	ng	98
69) Atrazine	16.76	200	192797	41.565	ng	99
70) Pentachlorophenol	16.96	266	109278	38.408	ng	98
71) Phenanthrene	17.34	178	886203	41.484	ng	99
72) Anthracene	17.43	178	871372	41.343	ng	99
73) Carbazole	17.70	167	807239	40.565	ng	100
74) Di-n-butylphthalate	18.26	149	917928	40.114	ng	99
75) Fluoranthene	19.35	202	1091910	39.718	ng	98
77) Benzidine	19.53	184	362918	37.022	ng	98
78) Pyrene	19.71	202	1089440	40.554	ng	98
80) Butylbenzylphthalate	20.60	149	421031	40.181	ng	97
81) Benzo(a)anthracene	21.53	228	1056412	40.176	ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	398563	40.845	ng	99
83) Chrysene	21.59	228	1028547	40.665	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	587381	41.077	ng	98
85) Di-n-octyl phthalate	22.61	149	1004693	41.033	ng	99
87) Indeno(1,2,3-cd)pyrene	28.14	276	1273088	41.304	ng	99
88) Benzo(b)fluoranthene	23.67	252	1092269	40.762	ng	99
89) Benzo(k)fluoranthene	23.73	252	1070217	41.325	ng	99
90) Benzo(a)pyrene	24.50	252	1028051	41.111	ng	99
91) Dibenzo(a,h)anthracene	28.20	278	1026080	41.253	ng	98
92) Benzo(g,h,i)perylene	29.24	276	1024013	41.229	ng	98

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

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