Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
Data File : BG046603.D
Acq On : 14 Sep 2020 14:50
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/15/2020 11:18:13 AM

Quant Time: Sep 14 17:26:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	88330	20.00	ng	-0.01
21) Naphthalene-d8	10.72	136	355580	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	252030	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	594712	20.00	ng	0.00
76) Chrysene-d12	21.55	240	582202	20.00	ng	0.00
86) Perylene-d12	24.65	264	622217	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	374986	75.19	ng	0.00
7) Phenol-d6	7.10	99	547503	77.44	ng	0.00
23) Nitrobenzene-d5	9.08	82	479664	77.10	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	258427	75.68	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1248724	75.64	ng	0.00
79) Terphenyl-d14	19.92	244	1994935	72.92	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	75845	36.556	ng	99
3) Pyridine	3.81	79	233872	38.526	ng	98
4) n-Nitrosodimethylamine	3.72	42	91031	40.658	ng	99
6) Aniline	7.25	93	310556	39.037	ng	98
8) 2-Chlorophenol	7.50	128	201477	38.225	ng	98
9) Benzaldehyde	7.06	77	152308	38.453	ng	96
10) Phenol	7.13	94	251541	38.630	ng	98
11) bis(2-Chloroethyl)ether	7.35	93	205469	39.257	ng	97
12) 1,3-Dichlorobenzene	7.82	146	257793	38.523	ng	100
13) 1,4-Dichlorobenzene	7.96	146	255487	38.135	ng	99
14) 1,2-Dichlorobenzene	8.28	146	245785	38.261	ng	99
15) Benzyl Alcohol	8.17	79	182178	40.137	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	326496	40.216	ng	99
17) 2-Methylphenol	8.37	107	180348	39.054	ng	99
18) Hexachloroethane	9.01	117	88642	39.022	ng	92
19) n-Nitroso-di-n-propylamine	8.74	70	168252	39.787	ng	99
20) 3+4-Methylphenols	8.70	107	253996	39.849	ng	98
22) Acetophenone	8.75	105	333389	38.517	ng	99
24) Nitrobenzene	9.12	77	236239	38.436	ng	98
25) Isophorone	9.65	82	450313	39.480	ng	98
26) 2-Nitrophenol	9.83	139	128601	39.657	ng	97
27) 2,4-Dimethylphenol	9.90	122	173559	38.913	ng	95
28) bis(2-Chloroethoxy)methane	10.13	93	289551	39.441	ng	100
29) 2,4-Dichlorophenol	10.37	162	234230	39.394	ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	270846	38.392	ng	98
31) Naphthalene	10.77	128	674185	38.832	ng	99
32) Benzoic acid	10.07	122	95031m	32.835	ng	
33) 4-Chloroaniline	10.88	127	301496	39.382	ng	99
34) Hexachlorobutadiene	11.07	225	180593	39.434	ng	99
35) Caprolactam	11.66	113	84204	37.887	ng	92
36) 4-Chloro-3-methylphenol	12.01	107	229388	39.445	ng	94
37) 2-Methylnaphthalene	12.38	142	533428	38.957	ng	99
38) 1-Methylnaphthalene	12.60	142	504445	38.893	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	322554	38.810	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	208381	57.662	ng		98
43) 2,4,6-Trichlorophenol	13.00	196	214158	38.184	ng		98
44) 2,4,5-Trichlorophenol	13.07	196	219145	37.189	ng		99
46) 1,1'-Biphenyl	13.39	154	682037	38.896	ng		100
47) 2-Chloronaphthalene	13.44	162	571011	38.408	ng		100
48) 2-Nitroaniline	13.64	65	163494	39.604	ng		99
49) Acenaphthylene	14.28	152	870229	38.587	ng		100
50) Dimethylphthalate	14.02	163	728831	37.379	ng		99
51) 2,6-Dinitrotoluene	14.13	165	164840	38.352	ng		100
52) Acenaphthene	14.62	154	532410	38.097	ng		99
53) 3-Nitroaniline	14.46	138	176738	37.961	ng		97
54) 2,4-Dinitrophenol	14.67	184	124867	49.771	ng		97
55) Dibenzofuran	14.96	168	855157	38.129	ng		99
56) 4-Nitrophenol	14.78	139	121737	35.529	ng		97
57) 2,4-Dinitrotoluene	14.92	165	232239	37.894	ng		99
58) Fluorene	15.60	166	704661	37.435	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	223773	39.106	ng		98
60) Diethylphthalate	15.38	149	717731	37.754	ng		99
61) 4-Chlorophenyl-phenylether	15.60	204	393873	37.993	ng		97
62) 4-Nitroaniline	15.63	138	186468	37.958	ng		100
63) Azobenzene	15.89	77	598646	38.712	ng		98
65) 4,6-Dinitro-2-methylphenol	15.69	198	137708	40.910	ng		98
66) n-Nitrosodiphenylamine	15.82	169	636722	39.686	ng		100
67) 4-Bromophenyl-phenylether	16.49	248	284156	40.954	ng		98
68) Hexachlorobenzene	16.62	284	297969	38.777	ng		97
69) Atrazine	16.76	200	251538	38.431	ng		99
70) Pentachlorophenol	16.96	266	152709	38.037	ng		98
71) Phenanthrene	17.34	178	1153238	38.257	ng		99
72) Anthracene	17.44	178	1133778	38.121	ng		98
73) Carbazole	17.70	167	1060305	37.760	ng		99
74) Di-n-butylphthalate	18.27	149	1219895	37.780	ng		99
75) Fluoranthene	19.35	202	1421302	36.639	ng		100
77) Benzidine	19.53	184	553253	40.895	ng		98
78) Pyrene	19.72	202	1415282	38.174	ng		99
80) Butylbenzylphthalate	20.60	149	566641	39.184	ng		97
81) Benzo(a)anthracene	21.53	228	1379929	38.027	ng		99
82) 3,3'-Dichlorobenzidine	21.45	252	519959	38.610	ng		98
83) Chrysene	21.60	228	1333368	38.198	ng		99
84) Bis(2-ethylhexyl)phthalate	21.45	149	778459	39.447	ng		100
85) Di-n-octyl phthalate	22.62	149	1363138	40.340	ng		100
87) Indeno(1,2,3-cd)pyrene	28.17	276	1661438	37.178	ng	#	93
88) Benzo(b)fluoranthene	23.68	252	1443807	37.162	ng		98
89) Benzo(k)fluoranthene	23.74	252	1388226	36.971	ng		99
90) Benzo(a)pyrene	24.51	252	1364937	37.646	ng		99
91) Dibenzo(a,h)anthracene	28.22	278	1334605	37.008	ng		99
92) Benzo(g,h,i)perylene	29.26	276	1332677	37.007	ng		97

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

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