Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
Data File : BG045394.D
Acq On : 15 May 2020 12:27
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
5/18/2020 1:19:55 PM

Quant Time: May 15 13:13:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 13:09:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	63357	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	254392	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	175046	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	440038	20.00	ng	0.00
76) Chrysene-d12	21.62	240	438948	20.00	ng	0.00
87) Perylene-d12	24.78	264	483393	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	265920	69.29	ng	0.00
7) Phenol-d6	7.14	99	379100	66.49	ng	0.00
23) Nitrobenzene-d5	9.13	82	377884	67.78	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	183454	67.84	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	850536	71.25	ng	0.00
79) Terphenyl-d14	19.98	244	1564206	77.67	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	64196	37.641	ng	100
3) Pyridine	3.82	79	186493	35.515	ng	100
4) n-Nitrosodimethylamine	3.73	42	59619	37.062	ng	100
6) Aniline	7.29	93	242878	32.762	ng	100
8) 2-Chlorophenol	7.53	128	143981	34.910	ng	100
9) Benzaldehyde	7.09	77	125505	37.147	ng	100
10) Phenol	7.16	94	196300	34.405	ng	100
11) bis(2-Chloroethyl)ether	7.38	93	154470	34.004	ng	100
12) 1,3-Dichlorobenzene	7.86	146	172606	35.515	ng	100
13) 1,4-Dichlorobenzene	8.00	146	171587	35.432	ng	100
14) 1,2-Dichlorobenzene	8.32	146	162331	35.038	ng	100
15) Benzyl Alcohol	8.20	79	155888	32.610	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.50	45	141044	31.630	ng	100
17) 2-Methylphenol	8.42	107	147012	33.395	ng	100
18) Hexachloroethane	9.05	117	66376	36.460	ng	100
19) n-Nitroso-di-n-propylamine	8.77	70	130570	32.381	ng	100
20) 3+4-Methylphenols	8.74	107	199974	32.454	ng	100
22) Acetophenone	8.79	105	242848	35.301	ng	100
24) Nitrobenzene	9.17	77	197119	34.492	ng	100
25) Isophorone	9.69	82	374830	32.830	ng	100
26) 2-Nitrophenol	9.88	139	85732	34.827	ng	100
27) 2,4-Dimethylphenol	9.95	122	129158	33.067	ng	100
28) bis(2-Chloroethoxy)methane	10.18	93	192129	32.028	ng	100
29) 2,4-Dichlorophenol	10.42	162	148627	32.954	ng	100
30) 1,2,4-Trichlorobenzene	10.64	180	176815	34.626	ng	100
31) Naphthalene	10.82	128	475571	34.173	ng	100
32) Benzoic acid	10.10	122	72223	24.653	ng	100
33) 4-Chloroaniline	10.93	127	202777	31.244	ng	100
34) Hexachlorobutadiene	11.12	225	124915	35.679	ng	100
35) Caprolactam	11.69	113	56960	31.732	ng	100
36) 4-Chloro-3-methylphenol	12.06	107	170438	32.169	ng	100
37) 2-Methylnaphthalene	12.43	142	357439	33.091	ng	100
38) 1-Methylnaphthalene	12.65	142	339144	33.258	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	194418	34.496	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	113701	32.278	ng	100
43) 2,4,6-Trichlorophenol	13.04	196	137892	34.666	ng	100
44) 2,4,5-Trichlorophenol	13.12	196	158353	34.975	ng	100
46) 1,1'-Biphenyl	13.44	154	434497	32.657	ng	100
47) 2-Chloronaphthalene	13.49	162	349578	34.386	ng	100
48) 2-Nitroaniline	13.68	65	120280	35.960	ng	100
49) Acenaphthylene	14.33	152	569748	34.407	ng	100
50) Dimethylphthalate	14.06	163	498820	34.997	ng	100
51) 2,6-Dinitrotoluene	14.18	165	112226	35.203	ng	100
52) Acenaphthene	14.67	154	385939m	34.447	ng	
53) 3-Nitroaniline	14.51	138	111852	31.990	ng	100
54) 2,4-Dinitrophenol	14.72	184	66431	35.043	ng	100
55) Dibenzofuran	15.01	168	575041	35.204	ng	100
56) 4-Nitrophenol	14.84	139	89101	32.866	ng	100
57) 2,4-Dinitrotoluene	14.97	165	159787	34.297	ng	100
58) Fluorene	15.66	166	470702	35.279	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.24	232	140248	34.813	ng	100
60) Diethylphthalate	15.43	149	517672	34.836	ng	100
61) 4-Chlorophenyl-phenylether	15.65	204	268693	34.988	ng	100
62) 4-Nitroaniline	15.68	138	119984	33.085	ng	100
63) Azobenzene	15.95	77	479321	34.985	ng	100
65) 4,6-Dinitro-2-methylphenol	15.74	198	105831	36.589	ng	100
66) n-Nitrosodiphenylamine	15.86	169	419658	33.193	ng	100
67) 4-Bromophenyl-phenylether	16.55	248	190687	33.590	ng	100
68) Hexachlorobenzene	16.68	284	199930	33.958	ng	100
69) Atrazine	16.82	200	176923	35.010	ng	100
70) Pentachlorophenol	17.02	266	106734	29.551	ng	100
71) Phenanthrene	17.40	178	781537	34.562	ng	100
72) Anthracene	17.49	178	782907	34.516	ng	100
73) Carbazole	17.76	167	771276	33.507	ng	100
74) Di-n-butylphthalate	18.33	149	940304	34.836	ng	100
75) Fluoranthene	19.41	202	1017513	35.451	ng	100
77) Benzidine	19.59	184	514154	36.398	ng	100
78) Pyrene	19.78	202	1031118	34.074	ng	100
80) Butylbenzylphthalate	20.66	149	447031	35.638	ng	100
81) Benzo(a)anthracene	21.60	228	983658	34.575	ng	100
82) 3,3'-Dichlorobenzidine	21.52	252	388897	34.343	ng	100
83) Chrysene	21.67	228	963950	35.264	ng	100
84) Bis(2-ethylhexyl)phthalate	21.52	149	601890	34.888	ng	100
85) Di-n-octyl phthalate	22.71	149	1028028	34.460	ng	100
86) Indeno(1,2,3-cd)pyrene	28.37	276	1218303	33.569	ng	100
88) Benzo(b)fluoranthene	23.78	252	1058722	34.965	ng	100
89) Benzo(k)fluoranthene	23.85	252	981972	34.101	ng	100
90) Benzo(a)pyrene	24.64	252	973037	34.036	ng	100
91) Dibenzo(a,h)anthracene	28.43	278	963153	33.435	ng	100
92) Benzo(g,h,i)perylene	29.49	276	970793	33.614	ng	100

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

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