Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060220\
Data File : BG045571.D
Acq On : 2 Jun 2020 10:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/3/2020 4:35:18 PM

Quant Time: Jun 02 11:01:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	66092	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	266581	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	193390	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	476208	20.00	ng		0.00
76) Chrysene-d12	21.61	240	431797	20.00	ng		0.00
87) Perylene-d12	24.76	264	467671	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	279011	82.50	ng		0.00
7) Phenol-d6	7.15	99	411216	85.43	ng		0.00
23) Nitrobenzene-d5	9.12	82	412427	84.37	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	211740	85.61	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	937593	82.24	ng		0.00
79) Terphenyl-d14	19.97	244	1608128	86.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	61381	36.601	ng		96
3) Pyridine	3.81	79	185627	39.743	ng		93
4) n-Nitrosodimethylamine	3.72	42	63996	41.872	ng		92
6) Aniline	7.28	93	263656	41.960	ng		99
8) 2-Chlorophenol	7.53	128	155742	41.994	ng		98
9) Benzaldehyde	7.08	77	121371	38.702	ng		95
10) Phenol	7.18	94	213602	43.057	ng		99
11) bis(2-Chloroethyl)ether	7.37	93	167603	43.314	ng		98
12) 1,3-Dichlorobenzene	7.84	146	184407	41.377	ng		98
13) 1,4-Dichlorobenzene	7.99	146	183409	41.701	ng		95
14) 1,2-Dichlorobenzene	8.31	146	176667	41.763	ng		97
15) Benzyl Alcohol	8.20	79	172081	43.276	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.48	45	154172	41.974	ng		99
17) 2-Methylphenol	8.42	107	160185	43.139	ng		94
18) Hexachloroethane	9.04	117	72086	42.794	ng		93
19) n-Nitroso-di-n-propylamine	8.76	70	145043	43.575	ng		96
20) 3+4-Methylphenols	8.75	107	217288	42.973	ng		93
22) Acetophenone	8.77	105	262022	41.471	ng		98
24) Nitrobenzene	9.16	77	218604	41.738	ng	#	98
25) Isophorone	9.68	82	414079	43.010	ng		97
26) 2-Nitrophenol	9.87	139	97855	43.675	ng		93
27) 2,4-Dimethylphenol	9.95	122	142237	42.802	ng		96
28) bis(2-Chloroethoxy)methane	10.17	93	216820	42.943	ng		98
29) 2,4-Dichlorophenol	10.43	162	170829	43.533	ng		95
30) 1,2,4-Trichlorobenzene	10.63	180	199131	42.944	ng		98
31) Naphthalene	10.81	128	524091	42.189	ng		99
32) Benzoic acid	10.11	122	103367	46.208	ng		98
33) 4-Chloroaniline	10.92	127	223679	43.076	ng		97
34) Hexachlorobutadiene	11.10	225	139610	42.593	ng		97
35) Caprolactam	11.70	113	64159	44.543	ng		86
36) 4-Chloro-3-methylphenol	12.08	107	196372	44.409	ng		98
37) 2-Methylnaphthalene	12.42	142	393983	42.552	ng		99
38) 1-Methylnaphthalene	12.64	142	368812m	42.168	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	222499	41.191	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	141064	45.245	ng		100
43) 2,4,6-Trichlorophenol	13.04	196	158839	42.331	ng		99
44) 2,4,5-Trichlorophenol	13.12	196	178533	41.636	ng		97
46) 1,1'-Biphenyl	13.43	154	486346	40.928	ng		99
47) 2-Chloronaphthalene	13.47	162	393830	40.814	ng		99
48) 2-Nitroaniline	13.68	65	134884	42.495	ng		92
49) Acenaphthylene	14.32	152	636814	41.086	ng		98
50) Dimethylphthalate	14.06	163	558808	42.122	ng		99
51) 2,6-Dinitrotoluene	14.17	165	127621	42.632	ng		94
52) Acenaphthene	14.67	154	430094m	41.455	ng		
53) 3-Nitroaniline	14.51	138	132001	43.377	ng		99
54) 2,4-Dinitrophenol	14.71	184	68671	38.088	ng		98
55) Dibenzofuran	15.00	168	630672	40.934	ng		97
56) 4-Nitrophenol	14.85	139	95148	41.298	ng		93
57) 2,4-Dinitrotoluene	14.97	165	184136	42.472	ng		96
58) Fluorene	15.65	166	530919	41.945	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	158689	42.065	ng		98
60) Diethylphthalate	15.42	149	578172	41.872	ng		99
61) 4-Chlorophenyl-phenylether	15.64	204	309579	42.741	ng		98
62) 4-Nitroaniline	15.67	138	135249	42.573	ng		99
63) Azobenzene	15.94	77	540380	41.970	ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	115138	41.515	ng		94
66) n-Nitrosodiphenylamine	15.86	169	468298	40.958	ng		98
67) 4-Bromophenyl-phenylether	16.53	248	215760	41.842	ng		97
68) Hexachlorobenzene	16.66	284	225551	41.820	ng		99
69) Atrazine	16.81	200	191361	40.634	ng		99
70) Pentachlorophenol	17.01	266	115837	41.364	ng		95
71) Phenanthrene	17.39	178	859735	41.355	ng		99
72) Anthracene	17.48	178	868241	41.588	ng		99
73) Carbazole	17.76	167	857257	42.125	ng		99
74) Di-n-butylphthalate	18.31	149	1019501	41.739	ng		99
75) Fluoranthene	19.40	202	1066885	40.347	ng		100
77) Benzidine	19.58	184	445389	36.726	ng		98
78) Pyrene	19.77	202	1072533	43.574	ng		100
80) Butylbenzylphthalate	20.65	149	453658	42.700	ng		99
81) Benzo(a)anthracene	21.59	228	1011243	42.041	ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	396108	41.981	ng		97
83) Chrysene	21.66	228	976693	42.228	ng		99
84) Bis(2-ethylhexyl)phthalate	21.50	149	615454	42.142	ng		98
85) Di-n-octyl phthalate	22.69	149	1033992	41.222	ng		99
86) Indeno(1,2,3-cd)pyrene	28.34	276	1231004	40.701	ng	#	96
88) Benzo(b)fluoranthene	23.76	252	1051571	41.926	ng		100
89) Benzo(k)fluoranthene	23.83	252	1011961	42.945	ng		99
90) Benzo(a)pyrene	24.61	252	985281	42.179	ng		99
91) Dibenzo(a,h)anthracene	28.40	278	1004306	42.784	ng		99
92) Benzo(g,h,i)perylene	29.45	276	990552	42.193	ng		96

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

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