Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061520\
Data File : BG045763.D
Acq On : 15 Jun 2020 13:38
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
6/16/2020 11:06:06 AM

Quant Time: Jun 15 15:05:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 14:56:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	44585	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	179935	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	130088	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	294632	20.00	ng		0.00
76) Chrysene-d12	21.58	240	293817	20.00	ng		0.00
86) Perylene-d12	24.70	264	326946	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	113508	49.75	ng		0.00
7) Phenol-d6	7.17	99	176075	54.23	ng		0.00
23) Nitrobenzene-d5	9.08	82	166667	50.51	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	78633	47.26	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	384953	50.19	ng		0.00
79) Terphenyl-d14	19.93	244	637191	50.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	27138	23.988	ng		97
3) Pyridine	3.77	79	76020	24.127	ng		97
4) n-Nitrosodimethylamine	3.68	42	25262	24.502	ng	#	86
6) Aniline	7.25	93	104339	24.615	ng		96
8) 2-Chlorophenol	7.51	128	62179	24.853	ng		90
9) Benzaldehyde	7.06	77	58357	27.585	ng		96
10) Phenol	7.19	94	86034	25.708	ng		97
11) bis(2-Chloroethyl)ether	7.34	93	64986	24.896	ng		91
12) 1,3-Dichlorobenzene	7.81	146	73868	24.570	ng		96
13) 1,4-Dichlorobenzene	7.95	146	73558	24.792	ng		99
14) 1,2-Dichlorobenzene	8.27	146	71390	25.017	ng		95
15) Benzyl Alcohol	8.18	79	66985	24.972	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.44	45	61297	24.739	ng		92
17) 2-Methylphenol	8.42	107	63796	25.469	ng		97
18) Hexachloroethane	9.00	117	28207	24.823	ng		84
19) n-Nitroso-di-n-propylamine	8.72	70	58039	25.848	ng		98
20) 3+4-Methylphenols	8.75	107	84241	24.697	ng		91
22) Acetophenone	8.74	105	104597	24.526	ng		95
24) Nitrobenzene	9.12	77	89210	25.235	ng		96
25) Isophorone	9.65	82	159792	24.590	ng		100
26) 2-Nitrophenol	9.84	139	34930	23.097	ng		98
27) 2,4-Dimethylphenol	9.94	122	56353	25.124	ng		93
28) bis(2-Chloroethoxy)methane	10.13	93	84339	24.748	ng		97
29) 2,4-Dichlorophenol	10.42	162	64018	24.170	ng		99
30) 1,2,4-Trichlorobenzene	10.59	180	76931	24.580	ng		97
31) Naphthalene	10.77	128	209722	25.012	ng		99
32) Benzoic acid	10.10	122	21027	15.610	ng		96
33) 4-Chloroaniline	10.90	127	86736	24.747	ng		97
34) Hexachlorobutadiene	11.06	225	54783	24.762	ng		95
35) Caprolactam	11.65	113	19498	20.055	ng		92
36) 4-Chloro-3-methylphenol	12.08	107	74105	24.829	ng		97
37) 2-Methylnaphthalene	12.38	142	154112	24.660	ng		97
38) 1-Methylnaphthalene	12.61	142	144265	24.437	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	89676	24.680	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	29391	14.014	ng		99
43) 2,4,6-Trichlorophenol	13.02	196	59205	23.456	ng		96
44) 2,4,5-Trichlorophenol	13.12	196	65657	22.763	ng		95
46) 1,1'-Biphenyl	13.39	154	195120	24.410	ng		97
47) 2-Chloronaphthalene	13.44	162	155119	23.898	ng		93
48) 2-Nitroaniline	13.66	65	49845	23.345	ng		100
49) Acenaphthylene	14.29	152	254562	24.416	ng		98
50) Dimethylphthalate	14.02	163	212964	23.864	ng		99
51) 2,6-Dinitrotoluene	14.15	165	47254	23.466	ng		96
52) Acenaphthene	14.63	154	151700	21.737	ng		96
53) 3-Nitroaniline	14.49	138	45584	22.269	ng		95
54) 2,4-Dinitrophenol	14.70	184	12541	10.725	ng		97
55) Dibenzofuran	14.97	168	251923	24.308	ng		99
56) 4-Nitrophenol	14.89	139	26210	16.912	ng	#	87
57) 2,4-Dinitrotoluene	14.94	165	67559	23.166	ng		97
58) Fluorene	15.62	166	207307	24.348	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	54654	21.538	ng		94
60) Diethylphthalate	15.39	149	219883	23.673	ng		98
61) 4-Chlorophenyl-phenylether	15.61	204	118735	24.370	ng		97
62) 4-Nitroaniline	15.66	138	47137m	22.058	ng		
63) Azobenzene	15.90	77	212114	24.491	ng		96
65) 4,6-Dinitro-2-methylphenol	15.71	198	35215	20.522	ng		98
66) n-Nitrosodiphenylamine	15.83	169	178493	25.232	ng		99
67) 4-Bromophenyl-phenylether	16.51	248	78119	24.486	ng		99
68) Hexachlorobenzene	16.63	284	83135	24.914	ng		98
69) Atrazine	16.78	200	70234	24.104	ng		96
70) Pentachlorophenol	17.00	266	25435	14.680	ng		89
71) Phenanthrene	17.36	178	332235	25.830	ng		98
72) Anthracene	17.45	178	333016	25.782	ng		99
73) Carbazole	17.74	167	314339	24.966	ng		98
74) Di-n-butylphthalate	18.28	149	371414	24.577	ng		100
75) Fluoranthene	19.37	202	416712	25.471	ng		100
77) Benzidine	19.56	184	167499	20.298	ng		99
78) Pyrene	19.73	202	421176	25.147	ng		99
80) Butylbenzylphthalate	20.63	149	172172	23.816	ng		95
81) Benzo(a)anthracene	21.56	228	403650	24.662	ng		97
82) 3,3'-Dichlorobenzidine	21.48	252	152168	23.701	ng		98
83) Chrysene	21.62	228	389815	24.769	ng		98
84) Bis(2-ethylhexyl)phthalate	21.47	149	243926	24.546	ng		98
85) Di-n-octyl phthalate	22.65	149	416190	24.384	ng		99
87) Indeno(1,2,3-cd)pyrene	28.25	276	482080	23.518	ng		99
88) Benzo(b)fluoranthene	23.71	252	428106	24.415	ng		99
89) Benzo(k)fluoranthene	23.78	252	417292	25.331	ng		99
90) Benzo(a)pyrene	24.56	252	402736	24.662	ng		98
91) Dibenzo(a,h)anthracene	28.31	278	393716	23.992	ng		99
92) Benzo(g,h,i)perylene	29.35	276	392909	23.940	ng		98

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

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