Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
Data File : BG045393.D
Acq On : 15 May 2020 11:47
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
5/18/2020 1:19:52 PM

Quant Time: May 15 13:16:35 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	57556	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	230508	20.00	ng		0.00
39) Acenaphthene-d10	14.61	164	168341	20.00	ng		0.00
64) Phenanthrene-d10	17.36	188	416804	20.00	ng		0.00
76) Chrysene-d12	21.62	240	427084	20.00	ng		0.00
87) Perylene-d12	24.78	264	466936	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	122827	35.23	ng		0.00
7) Phenol-d6	7.13	99	170092	32.84	ng		0.00
23) Nitrobenzene-d5	9.12	82	171262	33.90	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	86913	33.42	ng		0.00
45) 2-Fluorobiphenyl	13.23	172	410634	35.77	ng		0.00
79) Terphenyl-d14	19.97	244	833296	42.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	30319	19.569	ng		99
3) Pyridine	3.82	79	81842	17.156	ng		95
4) n-Nitrosodimethylamine	3.73	42	25644	17.548	ng	#	95
6) Aniline	7.29	93	114131	16.947	ng		97
8) 2-Chlorophenol	7.53	128	67411	17.992	ng		96
9) Benzaldehyde	7.10	77	62689	20.425	ng		99
10) Phenol	7.16	94	89344	17.237	ng		97
11) bis(2-Chloroethyl)ether	7.38	93	70851	17.169	ng		98
12) 1,3-Dichlorobenzene	7.86	146	79635	18.037	ng		98
13) 1,4-Dichlorobenzene	8.00	146	78080	17.748	ng		96
14) 1,2-Dichlorobenzene	8.32	146	78282	18.600	ng		94
15) Benzyl Alcohol	8.20	79	70120	16.147	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.50	45	67868	16.754	ng		91
17) 2-Methylphenol	8.41	107	65488	16.376	ng		92
18) Hexachloroethane	9.05	117	30867	18.664	ng		96
19) n-Nitroso-di-n-propylamine	8.77	70	61326	16.742	ng		94
20) 3+4-Methylphenols	8.74	107	89498	15.989	ng		98
22) Acetophenone	8.78	105	112679	18.076	ng	#	93
24) Nitrobenzene	9.17	77	94159	18.183	ng		97
25) Isophorone	9.69	82	173133	16.735	ng		100
26) 2-Nitrophenol	9.88	139	38851	17.418	ng		91
27) 2,4-Dimethylphenol	9.95	122	58842	16.626	ng		98
28) bis(2-Chloroethoxy)methane	10.18	93	90190	16.592	ng		96
29) 2,4-Dichlorophenol	10.43	162	69136	16.917	ng		97
30) 1,2,4-Trichlorobenzene	10.64	180	82075	17.738	ng		98
31) Naphthalene	10.82	128	224385	17.794	ng		99
32) Benzoic acid	10.05	122	23226	8.749	ng		95
33) 4-Chloroaniline	10.93	127	91124	15.495	ng		96
34) Hexachlorobutadiene	11.12	225	58375	18.401	ng		94
35) Caprolactam	11.68	113	27764	17.070	ng	#	82
36) 4-Chloro-3-methylphenol	12.06	107	78916	16.438	ng		100
37) 2-Methylnaphthalene	12.43	142	169536	17.322	ng		99
38) 1-Methylnaphthalene	12.65	142	159458	17.258	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	91497	16.881	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	46595	13.754	ng		93
43) 2,4,6-Trichlorophenol	13.04	196	62821	16.422	ng		97
44) 2,4,5-Trichlorophenol	13.12	196	74882	17.197	ng		94
46) 1,1'-Biphenyl	13.44	154	208945	16.330	ng		99
47) 2-Chloronaphthalene	13.48	162	170004	17.389	ng		97
48) 2-Nitroaniline	13.68	65	55557	17.271	ng		92
49) Acenaphthylene	14.33	152	279388	17.544	ng		97
50) Dimethylphthalate	14.06	163	243997	17.801	ng		98
51) 2,6-Dinitrotoluene	14.18	165	52742	17.203	ng		96
52) Acenaphthene	14.68	154	181832m	16.876	ng		
53) 3-Nitroaniline	14.51	138	54519	16.214	ng		90
54) 2,4-Dinitrophenol	14.72	184	25787	14.145	ng		88
55) Dibenzofuran	15.01	168	278720	17.743	ng		100
56) 4-Nitrophenol	14.83	139	40341	15.473	ng		94
57) 2,4-Dinitrotoluene	14.96	165	77714	17.345	ng	#	97
58) Fluorene	15.66	166	232428	18.114	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.24	232	65789	16.981	ng		99
60) Diethylphthalate	15.43	149	256142	17.923	ng		98
61) 4-Chlorophenyl-phenylether	15.65	204	126069	17.070	ng		97
62) 4-Nitroaniline	15.67	138	57088	16.369	ng		93
63) Azobenzene	15.94	77	232037	17.611	ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	47853	17.467	ng		97
66) n-Nitrosodiphenylamine	15.86	169	209701	17.511	ng		92
67) 4-Bromophenyl-phenylether	16.54	248	90831	16.892	ng		97
68) Hexachlorobenzene	16.67	284	96253	17.260	ng		100
69) Atrazine	16.81	200	86965	18.168	ng		95
70) Pentachlorophenol	17.01	266	43872	12.824	ng		95
71) Phenanthrene	17.40	178	386185	18.030	ng		98
72) Anthracene	17.49	178	393574	18.319	ng		98
73) Carbazole	17.76	167	386818	17.741	ng		97
74) Di-n-butylphthalate	18.32	149	477902	18.692	ng		98
75) Fluoranthene	19.41	202	521453	19.181	ng		100
77) Benzidine	19.59	184	262134	19.072	ng		99
78) Pyrene	19.77	202	537580	18.258	ng		97
80) Butylbenzylphthalate	20.66	149	219965	18.023	ng		99
81) Benzo(a)anthracene	21.60	228	509057	18.390	ng		97
82) 3,3'-Dichlorobenzidine	21.52	252	193556	17.568	ng		99
83) Chrysene	21.67	228	481945	18.121	ng		97
84) Bis(2-ethylhexyl)phthalate	21.52	149	300640	17.911	ng	#	97
85) Di-n-octyl phthalate	22.71	149	511382	17.618	ng		99
86) Indeno(1,2,3-cd)pyrene	28.36	276	596141	16.882	ng	#	95
88) Benzo(b)fluoranthene	23.78	252	502331	17.174	ng		98
89) Benzo(k)fluoranthene	23.84	252	507405	18.242	ng		97
90) Benzo(a)pyrene	24.63	252	481088	17.421	ng		98
91) Dibenzo(a,h)anthracene	28.42	278	475796	17.099	ng		99
92) Benzo(g,h,i)perylene	29.48	276	476439	17.078	ng		97

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

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