Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010824\
Data File : BG060284.D
Acq On : 8 Jan 2024 16:32
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/09/2024
Supervised By :mohammad ahmed 01/10/2024

Quant Time: Jan 09 03:54:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 03:51:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.930	152	203664	20.000	ng		0.00
21) Naphthalene-d8	10.732	136	932474	20.000	ng		0.00
39) Acenaphthene-d10	14.569	164	634827	20.000	ng		0.00
64) Phenanthrene-d10	17.313	188	1800244	20.000	ng		0.00
76) Chrysene-d12	21.572	240	1738480	20.000	ng		0.00
86) Perylene-d12	24.733	264	1957256	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.503	112	94544	7.635	ng		0.00
7) Phenol-d6	7.095	99	177225	9.666	ng		0.00
23) Nitrobenzene-d5	9.093	82	189913	9.617	ng		0.00
42) 2,4,6-Tribromophenol	16.055	330	95800	10.257	ng		0.00
45) 2-Fluorobiphenyl	13.188	172	563863	12.349	ng		0.00
79) Terphenyl-d14	19.927	244	1034591	7.909	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	25159	4.448	ng		98
3) Pyridine	3.811	79	67201m	4.214	ng		
4) n-Nitrosodimethylamine	3.729	42	20406m	4.070	ng		
6) Aniline	7.254	93	88739	4.842	ng		95
8) 2-Chlorophenol	7.495	128	59377	4.839	ng		86
9) Benzaldehyde	7.072	77	62118m	5.912	ng		
10) Phenol	7.119	94	85698	4.662	ng		97
11) bis(2-Chloroethyl)ether	7.354	93	76220	5.088	ng		96
12) 1,3-Dichlorobenzene	7.824	146	70123	4.553	ng		93
13) 1,4-Dichlorobenzene	7.965	146	80181	5.131	ng		93
14) 1,2-Dichlorobenzene	8.282	146	81127	5.048	ng		90
15) Benzyl Alcohol	8.171	79	49936	4.207	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.453	45	88680	4.878	ng		96
17) 2-Methylphenol	8.370	107	56266m	4.456	ng		
18) Hexachloroethane	9.011	117	29912	5.459	ng		95
19) n-Nitroso-di-n-propyla...	8.729	70	60826	4.793	ng	#	98
20) 3+4-Methylphenols	8.699	107	75487	4.434	ng		93
22) Acetophenone	8.752	105	111852	4.364	ng	#	95
24) Nitrobenzene	9.134	77	99514	4.861	ng		96
25) Isophorone	9.645	82	204343	5.153	ng		99
26) 2-Nitrophenol	9.845	139	32511	4.319	ng		97
27) 2,4-Dimethylphenol	9.904	122	46038	4.629	ng		99
28) bis(2-Chloroethoxy)met...	10.139	93	122417	5.052	ng		98
29) 2,4-Dichlorophenol	10.380	162	73224	4.543	ng		97
30) 1,2,4-Trichlorobenzene	10.597	180	101107	5.043	ng		96
31) Naphthalene	10.785	128	251497	5.145	ng		95
33) 4-Chloroaniline	10.897	127	82877	4.400	ng		97
34) Hexachlorobutadiene	11.067	225	64828	4.963	ng		88
35) Caprolactam	11.631	113	24521m	4.724	ng		
36) 4-Chloro-3-methylphenol	12.013	107	73543	4.492	ng		97
37) 2-Methylnaphthalene	12.389	142	179446	4.950	ng		98
38) 1-Methylnaphthalene	12.612	142	181992	4.999	ng		95
40) 1,2,4,5-Tetrachloroben...	12.753	216	120482	5.344	ng		98
41) Hexachlorocyclopentadiene	12.736	237	28449	3.801	ng		85
43) 2,4,6-Trichlorophenol	13.000	196	70003	4.879	ng		92
44) 2,4,5-Trichlorophenol	13.065	196	75565	4.775	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.400	154	261845	5.464	ng		99
47) 2-Chloronaphthalene	13.441	162	221412	5.393	ng		96
48) 2-Nitroaniline	13.646	65	44404	4.343	ng		89
49) Acenaphthylene	14.287	152	289733	5.125	ng		99
50) Dimethylphthalate	14.017	163	248738	5.127	ng		99
51) 2,6-Dinitrotoluene	14.140	165	43158	4.169	ng		94
52) Acenaphthene	14.628	154	184108	5.230	ng		98
53) 3-Nitroaniline	14.469	138	40870	4.333	ng		98
55) Dibenzofuran	14.963	168	321310	5.468	ng		97
56) 4-Nitrophenol	14.780	139	24280	3.470	ng		96
57) 2,4-Dinitrotoluene	14.927	165	58461	4.118	ng		95
58) Fluorene	15.609	166	277301	5.699	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.192	232	62762m	4.670	ng		
60) Diethylphthalate	15.380	149	244569	5.251	ng		96
61) 4-Chlorophenyl-phenyle...	15.603	204	153878	5.740	ng		93
62) 4-Nitroaniline	15.632	138	46280m	4.615	ng		
63) Azobenzene	15.897	77	265083	5.627	ng		98
66) n-Nitrosodiphenylamine	15.820	169	230095	4.814	ng		95
67) 4-Bromophenyl-phenylether	16.502	248	95592	4.832	ng		97
68) Hexachlorobenzene	16.614	284	114994	4.911	ng		97
69) Atrazine	16.766	200	87533	4.856	ng		95
70) Pentachlorophenol	16.966	266	43111m	3.420	ng		
71) Phenanthrene	17.354	178	470036	5.402	ng		95
72) Anthracene	17.448	178	464232m	5.344	ng		
73) Carbazole	17.718	167	427663	5.222	ng		94
74) Di-n-butylphthalate	18.276	149	440160	5.223	ng	#	94
75) Fluoranthene	19.369	202	597826	5.720	ng		88
77) Benzidine	19.557	184	153009	4.051	ng		99
78) Pyrene	19.733	202	628954	5.665	ng	#	86
80) Butylbenzylphthalate	20.621	149	165414	4.331	ng		96
81) Benzo(a)anthracene	21.555	228	596431m	5.542	ng		
82) 3,3'-Dichlorobenzidine	21.473	252	186432	4.523	ng		95
83) Chrysene	21.619	228	589639	5.571	ng	#	89
84) Bis(2-ethylhexyl)phtha...	21.467	149	261785	4.536	ng		96
85) Di-n-octyl phthalate	22.648	149	439435	4.698	ng		100
87) Indeno(1,2,3-cd)pyrene	28.323	276	639718	4.701	ng		97
88) Benzo(b)fluoranthene	23.729	252	580288	5.019	ng		92
89) Benzo(k)fluoranthene	23.793	252	571499	5.009	ng		93
90) Benzo(a)pyrene	24.581	252	513694	4.918	ng	#	94
91) Dibenzo(a,h)anthracene	28.382	278	528240	4.753	ng		95
92) Benzo(g,h,i)perylene	29.446	276	554194	4.865	ng		99

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

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