Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061923\
Data File : BG057755.D
Acq On : 19 Jun 2023 14:49
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 20 03:09:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 03:06:18 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.931	152	35006	20.000	ng		0.00
21) Naphthalene-d8	10.733	136	155601	20.000	ng		0.00
39) Acenaphthene-d10	14.564	164	109916	20.000	ng		0.00
64) Phenanthrene-d10	17.308	188	271594	20.000	ng		0.00
76) Chrysene-d12	21.556	240	233787	20.000	ng		0.00
86) Perylene-d12	24.711	264	282198	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	46895	20.656	ng		0.00
7) Phenol-d6	7.085	99	70714	20.413	ng		0.00
23) Nitrobenzene-d5	9.088	82	57922	19.105	ng		0.00
42) 2,4,6-Tribromophenol	16.051	330	29844	19.492	ng		0.00
45) 2-Fluorobiphenyl	13.189	172	157163	21.687	ng		0.00
79) Terphenyl-d14	19.922	244	273720	21.832	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.406	88	10881	10.529	ng		99
3) Pyridine	3.800	79	31821	10.107	ng		97
4) n-Nitrosodimethylamine	3.718	42	14852	10.327	ng		94
6) Aniline	7.249	93	45383	10.232	ng		95
8) 2-Chlorophenol	7.490	128	23525	10.072	ng		95
9) Benzaldehyde	7.067	77	23977	11.008	ng		97
10) Phenol	7.108	94	35165	10.310	ng		94
11) bis(2-Chloroethyl)ether	7.349	93	26635	10.157	ng		95
12) 1,3-Dichlorobenzene	7.819	146	24967	10.504	ng		94
13) 1,4-Dichlorobenzene	7.966	146	24687	10.250	ng		97
14) 1,2-Dichlorobenzene	8.283	146	24735	10.614	ng		94
15) Benzyl Alcohol	8.160	79	26008	9.819	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.454	45	51687m	10.252	ng		
17) 2-Methylphenol	8.365	107	25389	10.121	ng		92
18) Hexachloroethane	9.012	117	8860	10.433	ng		92
19) n-Nitroso-di-n-propyla...	8.730	70	24357	10.085	ng		99
20) 3+4-Methylphenols	8.689	107	34157	9.857	ng		94
22) Acetophenone	8.747	105	46077	10.560	ng	#	97
24) Nitrobenzene	9.129	77	31160	9.875	ng		97
25) Isophorone	9.652	82	68735	9.923	ng		98
26) 2-Nitrophenol	9.840	139	8874	8.840	ng	#	86
27) 2,4-Dimethylphenol	9.899	122	24648	9.917	ng		97
28) bis(2-Chloroethoxy)met...	10.134	93	38413	10.298	ng		97
29) 2,4-Dichlorophenol	10.375	162	22480	9.525	ng		97
30) 1,2,4-Trichlorobenzene	10.592	180	27787	10.562	ng		99
31) Naphthalene	10.786	128	86891	10.492	ng		100
32) Benzoic acid	9.969	122	14133	7.677	ng		94
33) 4-Chloroaniline	10.886	127	38862	10.128	ng		98
34) Hexachlorobutadiene	11.068	225	16138	10.055	ng		97
35) Caprolactam	11.632	113	9203	9.609	ng	#	91
36) 4-Chloro-3-methylphenol	12.002	107	30232	9.808	ng		94
37) 2-Methylnaphthalene	12.390	142	62198	10.304	ng		98
38) 1-Methylnaphthalene	12.607	142	59206	10.390	ng		97
40) 1,2,4,5-Tetrachloroben...	12.754	216	31529	10.347	ng		99
41) Hexachlorocyclopentadiene	12.737	237	15275	9.442	ng		98
43) 2,4,6-Trichlorophenol	12.995	196	21097	9.669	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.060	196	25075	9.859	ng		99
46) 1,1'-Biphenyl	13.395	154	79802	10.574	ng		99
47) 2-Chloronaphthalene	13.442	162	60617	10.455	ng		99
48) 2-Nitroaniline	13.636	65	17138	8.318	ng		100
49) Acenaphthylene	14.282	152	104851	10.536	ng		97
50) Dimethylphthalate	14.018	163	90131	10.676	ng		99
51) 2,6-Dinitrotoluene	14.135	165	13844	8.905	ng		98
52) Acenaphthene	14.629	154	63703	10.340	ng		97
53) 3-Nitroaniline	14.458	138	16556	9.450	ng		92
54) 2,4-Dinitrophenol	14.658	184	5240	11.306	ng		94
55) Dibenzofuran	14.958	168	106417	10.742	ng		97
56) 4-Nitrophenol	14.758	139	12813	9.203	ng		94
57) 2,4-Dinitrotoluene	14.917	165	17825	8.455	ng	#	83
58) Fluorene	15.610	166	84454	10.770	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.181	232	20842m	9.616	ng		
60) Diethylphthalate	15.381	149	91721	10.590	ng		99
61) 4-Chlorophenyl-phenyle...	15.604	204	43866	10.520	ng		97
62) 4-Nitroaniline	15.616	138	17618	9.864	ng		97
63) Azobenzene	15.892	77	93671	10.573	ng		95
65) 4,6-Dinitro-2-methylph...	15.680	198	8423	11.316	ng		96
66) n-Nitrosodiphenylamine	15.815	169	74347	10.372	ng		100
67) 4-Bromophenyl-phenylether	16.497	248	29747	10.328	ng		97
68) Hexachlorobenzene	16.609	284	29983	10.211	ng		96
69) Atrazine	16.761	200	26128	10.618	ng		97
70) Pentachlorophenol	16.949	266	19678	9.071	ng		96
71) Phenanthrene	17.349	178	139638	10.619	ng		100
72) Anthracene	17.437	178	140594	10.470	ng		99
73) Carbazole	17.707	167	132117	10.671	ng		99
74) Di-n-butylphthalate	18.271	149	150419	10.261	ng		98
75) Fluoranthene	19.358	202	166853	10.651	ng		98
77) Benzidine	19.541	184	57761	10.540	ng		98
78) Pyrene	19.717	202	176093	10.559	ng		98
80) Butylbenzylphthalate	20.610	149	59604	9.395	ng		99
81) Benzo(a)anthracene	21.538	228	165981	10.348	ng		99
82) 3,3'-Dichlorobenzidine	21.456	252	55479	10.169	ng		98
83) Chrysene	21.603	228	156696	10.179	ng		99
84) Bis(2-ethylhexyl)phtha...	21.456	149	94188	10.226	ng		99
85) Di-n-octyl phthalate	22.649	149	156763	9.703	ng		98
87) Indeno(1,2,3-cd)pyrene	28.283	276	183623	9.952	ng		99
88) Benzo(b)fluoranthene	23.706	252	157734	10.200	ng		99
89) Benzo(k)fluoranthene	23.771	252	162812	10.337	ng		99
90) Benzo(a)pyrene	24.558	252	153263	10.092	ng		99
91) Dibenzo(a,h)anthracene	28.360	278	152980	9.993	ng		100
92) Benzo(g,h,i)perylene	29.411	276	152712	9.963	ng		99

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

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