Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110322\
Data File : BG055438.D
Acq On : 3 Nov 2022 15:12
Operator : CG/JU
Sample : N5273-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 03 16:10:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 05:05:12 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LIDEN-GAS-PIPELINEMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.234	152	28710	20.000	ng		-0.01
21) Naphthalene-d8	11.066	136	123559	20.000	ng		# 0.00
39) Acenaphthene-d10	14.856	164	88465	20.000	ng		0.00
64) Phenanthrene-d10	17.588	188	206947	20.000	ng		0.00
76) Chrysene-d12	21.860	240	199656	20.000	ng		-0.01
86) Perylene-d12	25.226	264	223326	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.761	112	191934	120.057	ng		0.00
7) Phenol-d6	7.388	99	251315	113.359	ng		0.00
23) Nitrobenzene-d5	9.415	82	150272	64.817	ng		0.00
42) 2,4,6-Tribromophenol	16.337	330	138574	114.839	ng		0.00
45) 2-Fluorobiphenyl	13.481	172	364724	61.127	ng		0.00
79) Terphenyl-d14	20.162	244	627758	61.140	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.558	88	25585	35.284	ng		97
3) Pyridine	3.981	79	67900	31.553	ng		97
4) n-Nitrosodimethylamine	3.892	42	35728	42.026	ng		95
6) Aniline	7.553	93	120120	41.775	ng		97
8) 2-Chlorophenol	7.800	128	90553	46.619	ng		99
9) Benzaldehyde	7.365	77	61800	47.415	ng		99
10) Phenol	7.412	94	115781	46.141	ng		100
11) bis(2-Chloroethyl)ether	7.641	93	78116	41.610	ng		97
12) 1,3-Dichlorobenzene	8.123	146	96474	43.819	ng		99
13) 1,4-Dichlorobenzene	8.270	146	97294	43.388	ng		99
14) 1,2-Dichlorobenzene	8.593	146	94558	44.055	ng		97
15) Benzyl Alcohol	8.475	79	80905	45.756	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.757	45	101987	40.832	ng		96
17) 2-Methylphenol	8.681	107	79129	43.827	ng		99
18) Hexachloroethane	9.327	117	32996	43.134	ng		98
19) n-Nitroso-di-n-propyla...	9.039	70	68985	39.822	ng		97
20) 3+4-Methylphenols	9.010	107	110155	42.940	ng		97
22) Acetophenone	9.063	105	136089	42.021	ng	#	99
24) Nitrobenzene	9.457	77	99614	41.212	ng		99
25) Isophorone	9.974	82	192630	41.954	ng		99
26) 2-Nitrophenol	10.173	139	53878	43.289	ng		97
27) 2,4-Dimethylphenol	10.220	122	88517	50.722	ng		95
28) bis(2-Chloroethoxy)met...	10.449	93	111077	45.419	ng		99
29) 2,4-Dichlorophenol	10.714	162	96501	45.331	ng		98
30) 1,2,4-Trichlorobenzene	10.925	180	97335	42.224	ng		99
31) Naphthalene	11.113	128	285316	41.013	ng		100
32) Benzoic acid	10.385	122	45073m	43.648	ng		
33) 4-Chloroaniline	11.219	127	92979	32.166	ng		99
34) Hexachlorobutadiene	11.390	225	59792	41.728	ng		99
35) Caprolactam	11.995	113	32366m	41.064	ng		
36) 4-Chloro-3-methylphenol	12.330	107	103228	44.286	ng		99
37) 2-Methylnaphthalene	12.700	142	211335	41.357	ng		98
38) 1-Methylnaphthalene	12.917	142	198600	39.847	ng		99
40) 1,2,4,5-Tetrachloroben...	13.064	216	114272	43.728	ng		99
41) Hexachlorocyclopentadiene	13.035	237	124454	98.187	ng		94
43) 2,4,6-Trichlorophenol	13.299	196	80813	44.407	ng		98

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44)	2,4,5-Trichlorophenol	13.381	196	88250	43.536	ng		98
46)	1,1'-Biphenyl	13.693	154	287663	44.191	ng		100
47)	2-Chloronaphthalene	13.740	162	223826	42.791	ng		99
48)	2-Nitroaniline	13.939	65	67782	42.190	ng		98
49)	Acenaphthylene	14.580	152	361083	42.042	ng		100
50)	Dimethylphthalate	14.298	163	304080	41.179	ng		99
51)	2,6-Dinitrotoluene	14.427	165	66707	43.151	ng		98
52)	Acenaphthene	14.915	154	212592	41.590	ng		98
53)	3-Nitroaniline	14.756	138	60056	34.565	ng		98
54)	2,4-Dinitrophenol	14.968	184	79248	84.504	ng		98
55)	Dibenzofuran	15.250	168	358768	42.403	ng		100
56)	4-Nitrophenol	15.068	139	110545	92.790	ng		100
57)	2,4-Dinitrotoluene	15.209	165	95656	43.275	ng	#	99
58)	Fluorene	15.896	166	288725	42.007	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.473	232	78642	43.147	ng		98
60)	Diethylphthalate	15.643	149	309644	40.350	ng		99
61)	4-Chlorophenyl-phenyle...	15.873	204	155282	43.698	ng		99
62)	4-Nitroaniline	15.920	138	75355	40.993	ng		97
63)	Azobenzene	16.166	77	262540	41.157	ng		98
65)	4,6-Dinitro-2-methylph...	15.972	198	57275	42.966	ng		97
66)	n-Nitrosodiphenylamine	16.090	169	260950	42.412	ng		99
67)	4-Bromophenyl-phenylether	16.766	248	106612	43.581	ng		99
68)	Hexachlorobenzene	16.895	284	118717	42.555	ng		97
69)	Atrazine	17.024	200	106345	51.484	ng		99
70)	Pentachlorophenol	17.241	266	116102	80.282	ng		99
71)	Phenanthrene	17.629	178	488423	41.959	ng		99
72)	Anthracene	17.723	178	496824	43.544	ng		99
73)	Carbazole	17.988	167	459454	43.282	ng		100
74)	Di-n-butylphthalate	18.511	149	555392	41.891	ng		99
75)	Fluoranthene	19.621	202	591991	42.279	ng		99
77)	Benzidine	19.791	184	425286	102.313	ng		99
78)	Pyrene	19.979	202	591988	42.030	ng		99
80)	Butylbenzylphthalate	20.837	149	246716	42.014	ng		98
81)	Benzo(a)anthracene	21.842	228	576369	42.054	ng		99
82)	3,3'-Dichlorobenzidine	21.742	252	182102	38.746	ng		99
83)	Chrysene	21.907	228	534173	40.853	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.701	149	363499	42.584	ng		99
85)	Di-n-octyl phthalate	22.952	149	616697	42.166	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.128	276	744861	41.542	ng		99
88)	Benzo(b)fluoranthene	24.157	252	629336	44.364	ng		99
89)	Benzo(k)fluoranthene	24.227	252	601864	42.220	ng		99
90)	Benzo(a)pyrene	25.073	252	557129	45.421	ng		99
91)	Dibenzo(a,h)anthracene	29.180	278	626173	42.328	ng		100
92)	Benzo(g,h,i)perylene	30.344	276	621623	42.251	ng		99

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

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