Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093022\
Data File : BG055043.D
Acq On : 30 Sep 2022 16:38
Operator : CG/JU
Sample : N4912-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11939MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/01/2022
Supervised By :mohammad ahmed 10/10/2022

Quant Time: Oct 01 02:13:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 15:43:39 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.344	152	32552	20.000	ng	0.00
21) Naphthalene-d8	11.176	136	138398	20.000	ng	0.00
39) Acenaphthene-d10	14.954	164	99143	20.000	ng	0.00
64) Phenanthrene-d10	17.686	188	234964	20.000	ng	0.00
76) Chrysene-d12	21.981	240	222766	20.000	ng	#-0.01
86) Perylene-d12	25.442	264	244293	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.865	112	213226	125.567	ng	0.00
7) Phenol-d6	7.474	99	284933	126.466	ng	0.00
23) Nitrobenzene-d5	9.519	82	154001	71.798	ng	0.00
42) 2,4,6-Tribromophenol	16.429	330	139834	124.299	ng	0.00
45) 2-Fluorobiphenyl	13.585	172	405714	64.415	ng	0.00
79) Terphenyl-d14	20.259	244	772219	72.285	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.697	88	30680	36.477	ng	# 92
3) Pyridine	4.108	79	81079	33.922	ng	97
4) n-Nitrosodimethylamine	4.020	42	50044	43.061	ng	86
6) Aniline	7.657	93	111635	37.608	ng	96
8) 2-Chlorophenol	7.903	128	98250	51.815	ng	97
9) Benzaldehyde	7.469	77	59805	40.887	ng	96
10) Phenol	7.504	94	128622	50.335	ng	94
11) bis(2-Chloroethyl)ether	7.751	93	87772	45.767	ng	98
12) 1,3-Dichlorobenzene	8.238	146	108392	46.699	ng	98
13) 1,4-Dichlorobenzene	8.379	146	108480	46.083	ng	98
14) 1,2-Dichlorobenzene	8.708	146	105325	47.350	ng	98
15) Benzyl Alcohol	8.573	79	96567	50.078	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.873	45	147190	45.867	ng	98
17) 2-Methylphenol	8.773	107	89946	50.392	ng	93
18) Hexachloroethane	9.449	117	35595	46.031	ng	93
19) n-Nitroso-di-n-propyla...	9.149	70	79587	44.964	ng	98
20) 3+4-Methylphenols	9.096	107	120127	48.841	ng	94
22) Acetophenone	9.172	105	154254	45.434	ng	# 100
24) Nitrobenzene	9.560	77	108180	46.551	ng	97
25) Isophorone	10.083	82	218831	45.440	ng	98
26) 2-Nitrophenol	10.277	139	42426	42.879	ng	97
27) 2,4-Dimethylphenol	10.318	122	106467	56.555	ng	96
28) bis(2-Chloroethoxy)met...	10.559	93	124193	49.404	ng	98
29) 2,4-Dichlorophenol	10.812	162	104137	49.528	ng	96
30) 1,2,4-Trichlorobenzene	11.035	180	108026	43.768	ng	98
31) Naphthalene	11.229	128	316792	43.885	ng	99
32) Benzoic acid	10.436	122	61767	45.789	ng	94
33) 4-Chloroaniline	11.317	127	46918	15.979	ng	98
34) Hexachlorobutadiene	11.511	225	71634	44.485	ng	99
35) Caprolactam	12.081	113	34740m	50.313	ng	
36) 4-Chloro-3-methylphenol	12.410	107	113212	48.799	ng	95
37) 2-Methylnaphthalene	12.809	142	229853	44.377	ng	99
38) 1-Methylnaphthalene	13.021	142	221136	44.221	ng	97
40) 1,2,4,5-Tetrachloroben...	13.162	216	132574	45.563	ng	99
41) Hexachlorocyclopentadiene	13.144	237	154754	105.029	ng	99
43) 2,4,6-Trichlorophenol	13.391	196	90273	48.704	ng	97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.462	196	98379	46.669	ng		98
46)	1,1'-Biphenyl	13.796	154	314050	46.306	ng		98
47)	2-Chloronaphthalene	13.843	162	244750	44.654	ng		98
48)	2-Nitroaniline	14.026	65	64112	41.986	ng		97
49)	Acenaphthylene	14.678	152	402222	45.225	ng		99
50)	Dimethylphthalate	14.396	163	323080	43.605	ng		99
51)	2,6-Dinitrotoluene	14.513	165	58791	42.432	ng		97
52)	Acenaphthene	15.019	154	264807	47.965	ng		97
53)	3-Nitroaniline	14.842	138	47081	30.187	ng	#	95
54)	2,4-Dinitrophenol	15.042	184	60669	97.082	ng	#	91
55)	Dibenzofuran	15.348	168	396404	44.424	ng		99
56)	4-Nitrophenol	15.124	139	116972	97.550	ng		93
57)	2,4-Dinitrotoluene	15.295	165	83077	43.785	ng		94
58)	Fluorene	15.994	166	314670	44.167	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.559	232	88982	46.853	ng		98
60)	Diethylphthalate	15.747	149	339161	44.366	ng		99
61)	4-Chlorophenyl-phenyle...	15.976	204	175064	45.938	ng		99
62)	4-Nitroaniline	16.000	138	73048	46.311	ng		91
63)	Azobenzene	16.270	77	308443	42.999	ng		98
65)	4,6-Dinitro-2-methylph...	16.053	198	38678	42.758	ng		90
66)	n-Nitrosodiphenylamine	16.188	169	286430	45.284	ng		100
67)	4-Bromophenyl-phenylether	16.869	248	118200	46.700	ng		98
68)	Hexachlorobenzene	16.993	284	134878	47.181	ng		97
69)	Atrazine	17.122	200	120236	51.289	ng		98
70)	Pentachlorophenol	17.328	266	156314	97.108	ng		98
71)	Phenanthrene	17.727	178	543170	44.778	ng		97
72)	Anthracene	17.821	178	544358	45.494	ng		98
73)	Carbazole	18.080	167	505336	45.055	ng		99
74)	Di-n-butylphthalate	18.626	149	597302	44.320	ng		99
75)	Fluoranthene	19.719	202	666445	42.871	ng		96
77)	Benzidine	19.883	184	386030	69.980	ng		99
78)	Pyrene	20.077	202	670353	47.032	ng		99
80)	Butylbenzylphthalate	20.947	149	246987	47.969	ng		95
81)	Benzo(a)anthracene	21.963	228	641858	44.980	ng		98
82)	3,3'-Dichlorobenzidine	21.863	252	145143	31.454	ng	#	97
83)	Chrysene	22.034	228	594374	44.227	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.852	149	358725	47.070	ng	#	100
85)	Di-n-octyl phthalate	23.156	149	600028	46.917	ng		97
87)	Indeno(1,2,3-cd)pyrene	29.431	276	802166	44.945	ng		97
88)	Benzo(b)fluoranthene	24.337	252	681299	46.840	ng	#	97
89)	Benzo(k)fluoranthene	24.413	252	673070	46.775	ng	#	97
90)	Benzo(a)pyrene	25.277	252	607922	49.453	ng	#	97
91)	Dibenzo(a,h)anthracene	29.507	278	688794	46.887	ng	#	96
92)	Benzo(g,h,i)perylene	30.671	276	682668	47.237	ng	#	93

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

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