Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
Data File : BG053601.D
Acq On : 18 May 2022 12:15
Operator : CG/JU
Sample : PB144886BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 14:04:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 11 06:00:46 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB144886BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.076	152	21802	20.000	ng		-0.01
21) Naphthalene-d8	10.890	136	101132	20.000	ng		# 0.00
39) Acenaphthene-d10	14.708	164	83116	20.000	ng		0.00
64) Phenanthrene-d10	17.452	188	209762	20.000	ng		0.00
76) Chrysene-d12	21.734	240	197619	20.000	ng		0.00
86) Perylene-d12	25.012	264	202827	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.650	112	184583	143.685	ng		0.00
7) Phenol-d6	7.248	99	271430	139.221	ng		0.00
23) Nitrobenzene-d5	9.245	82	188607	79.388	ng		0.00
42) 2,4,6-Tribromophenol	16.200	330	152295	124.235	ng		0.00
45) 2-Fluorobiphenyl	13.328	172	438022	77.010	ng		0.00
79) Terphenyl-d14	20.054	244	914381	86.176	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.518	88	18368	27.251	ng		94
3) Pyridine	3.929	79	49231	29.908	ng		97
4) n-Nitrosodimethylamine	3.835	42	33104	41.284	ng		98
6) Aniline	7.406	93	97973	45.371	ng		99
8) 2-Chlorophenol	7.647	128	66676	49.648	ng		96
9) Benzaldehyde	7.213	77	43228	34.901	ng		98
10) Phenol	7.271	94	94038	49.317	ng		92
11) bis(2-Chloroethyl)ether	7.489	93	63062	44.344	ng		96
12) 1,3-Dichlorobenzene	7.970	146	66865	42.205	ng		91
13) 1,4-Dichlorobenzene	8.117	146	68337	42.744	ng		97
14) 1,2-Dichlorobenzene	8.434	146	66602	44.363	ng		96
15) Benzyl Alcohol	8.317	79	72985	44.777	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.605	45	101901	44.026	ng		95
17) 2-Methylphenol	8.528	107	65064	50.485	ng		95
18) Hexachloroethane	9.163	117	25162	41.445	ng		92
19) n-Nitroso-di-n-propyla...	8.881	70	63570	45.445	ng		99
20) 3+4-Methylphenols	8.857	107	88615	48.685	ng		99
22) Acetophenone	8.899	105	108194	39.090	ng	#	97
24) Nitrobenzene	9.286	77	95498	41.531	ng		97
25) Isophorone	9.809	82	176751	44.207	ng		97
26) 2-Nitrophenol	10.003	139	40721	43.724	ng		93
27) 2,4-Dimethylphenol	10.056	122	69617	49.671	ng		96
28) bis(2-Chloroethoxy)met...	10.285	93	92974	40.432	ng	#	96
29) 2,4-Dichlorophenol	10.543	162	76992	45.516	ng		94
30) 1,2,4-Trichlorobenzene	10.755	180	77567	40.359	ng		97
31) Naphthalene	10.943	128	209708	40.765	ng		98
32) Benzoic acid	10.220	122	27077	33.928	ng		86
33) 4-Chloroaniline	11.054	127	57384	26.636	ng		96
34) Hexachlorobutadiene	11.225	225	56743	39.816	ng		97
35) Caprolactam	11.818	113	27415m	44.598	ng		
36) 4-Chloro-3-methylphenol	12.171	107	90282	44.619	ng		99
37) 2-Methylnaphthalene	12.541	142	156600	40.791	ng		99
38) 1-Methylnaphthalene	12.758	142	151219	40.372	ng		98
40) 1,2,4,5-Tetrachloroben...	12.911	216	102816	39.244	ng		99
41) Hexachlorocyclopentadiene	12.887	237	91325	84.962	ng		94
43) 2,4,6-Trichlorophenol	13.152	196	72174	42.203	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.234	196	77238	42.436	ng		99
46) 1,1'-Biphenyl	13.539	154	222824	39.330	ng		97
47) 2-Chloronaphthalene	13.586	162	174744	39.368	ng		99
48) 2-Nitroaniline	13.792	65	72717	43.965	ng		99
49) Acenaphthylene	14.432	152	303768	42.886	ng		99
50) Dimethylphthalate	14.156	163	255945	40.523	ng		99
51) 2,6-Dinitrotoluene	14.280	165	55911	43.450	ng		96
52) Acenaphthene	14.773	154	171336	40.590	ng		99
53) 3-Nitroaniline	14.614	138	48450	34.847	ng		98
54) 2,4-Dinitrophenol	14.826	184	57431	71.068	ng		98
55) Dibenzofuran	15.108	168	297564	39.246	ng		98
56) 4-Nitrophenol	14.932	139	82834	83.413	ng		89
57) 2,4-Dinitrotoluene	15.073	165	82476	44.218	ng	#	93
58) Fluorene	15.754	166	246321	40.483	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.337	232	74945	40.583	ng		99
60) Diethylphthalate	15.513	149	267495	41.000	ng		99
61) 4-Chlorophenyl-phenyle...	15.742	204	138186	40.700	ng		96
62) 4-Nitroaniline	15.777	138	59709	41.405	ng		92
63) Azobenzene	16.036	77	268191	40.143	ng		98
65) 4,6-Dinitro-2-methylph...	15.842	198	49964	39.974	ng		92
66) n-Nitrosodiphenylamine	15.954	169	224344	40.735	ng		99
67) 4-Bromophenyl-phenylether	16.635	248	99170	40.481	ng		99
68) Hexachlorobenzene	16.764	284	107799	40.179	ng		100
69) Atrazine	16.899	200	96325	41.546	ng		96
70) Pentachlorophenol	17.111	266	105820	73.632	ng		94
71) Phenanthrene	17.499	178	433767	40.668	ng		97
72) Anthracene	17.587	178	433130	41.314	ng		99
73) Carbazole	17.857	167	397737	38.710	ng		100
74) Di-n-butylphthalate	18.403	149	461085	39.901	ng		99
75) Fluoranthene	19.502	202	553024	40.044	ng		99
77) Benzidine	19.678	184	248360	58.308	ng		98
78) Pyrene	19.866	202	545002	42.602	ng		100
80) Butylbenzylphthalate	20.735	149	201645	42.985	ng		98
81) Benzo(a)anthracene	21.716	228	531176	42.142	ng		98
82) 3,3'-Dichlorobenzidine	21.622	252	156327	48.908	ng		99
83) Chrysene	21.781	228	487525	41.413	ng		98
84) Bis(2-ethylhexyl)phtha...	21.605	149	282907	43.694	ng		98
85) Di-n-octyl phthalate	22.827	149	477510	43.613	ng		100
87) Indeno(1,2,3-cd)pyrene	28.772	276	583854	41.331	ng	#	95
88) Benzo(b)fluoranthene	23.972	252	555224	46.247	ng		99
89) Benzo(k)fluoranthene	24.037	252	508454	43.098	ng		98
90) Benzo(a)pyrene	24.859	252	521029	50.988	ng		97
91) Dibenzo(a,h)anthracene	28.825	278	504404	43.333	ng		98
92) Benzo(g,h,i)perylene	29.947	276	506866	43.929	ng		98

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

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