Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061522\
Data File : BG053918.D
Acq On : 15 Jun 2022 11:26
Operator : CG/JU
Sample : PB145513BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 15 17:16:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 15:49:31 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB145513BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay
06/16/2022
Supervised By :mohammad ahmed
06/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.088	152	19852	20.000	ng		0.00
21) Naphthalene-d8	10.897	136	75222	20.000	ng	#	0.00
39) Acenaphthene-d10	14.710	164	57473	20.000	ng		0.00
64) Phenanthrene-d10	17.454	188	149694	20.000	ng	#	0.00
76) Chrysene-d12	21.731	240	184379	20.000	ng	#	0.00
86) Perylene-d12	24.992	264	194535	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.650	112	130805	125.976	ng		0.00
7) Phenol-d6	7.242	99	171366	121.659	ng		0.00
23) Nitrobenzene-d5	9.246	82	108477	81.040	ng		0.00
42) 2,4,6-Tribromophenol	16.190	330	124153	134.451	ng		0.00
45) 2-Fluorobiphenyl	13.335	172	312550	79.079	ng		0.00
79) Terphenyl-d14	20.056	244	757590	82.756	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.546	88	13675	30.128	ng		88
3) Pyridine	3.940	79	35647	29.430	ng		95
4) n-Nitrosodimethylamine	3.852	42	24119	45.270	ng		91
6) Aniline	7.407	93	63383	37.953	ng		99
8) 2-Chlorophenol	7.647	128	49555	44.698	ng		92
9) Benzaldehyde	7.219	77	22968	27.628	ng		82
10) Phenol	7.266	94	63328	44.362	ng		98
11) bis(2-Chloroethyl)ether	7.495	93	44433	40.553	ng		93
12) 1,3-Dichlorobenzene	7.976	146	57181	41.161	ng		90
13) 1,4-Dichlorobenzene	8.123	146	58200	41.706	ng		96
14) 1,2-Dichlorobenzene	8.441	146	55607	41.510	ng		97
15) Benzyl Alcohol	8.317	79	46365	44.041	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.611	45	63411	38.714	ng		96
17) 2-Methylphenol	8.517	107	42481	42.838	ng		94
18) Hexachloroethane	9.175	117	19439	41.991	ng	#	79
19) n-Nitroso-di-n-propyla...	8.887	70	37763	39.905	ng		96
20) 3+4-Methylphenols	8.852	107	58071	41.756	ng		96
22) Acetophenone	8.905	105	76072	41.605	ng	#	93
24) Nitrobenzene	9.287	77	55888	42.399	ng	#	88
25) Isophorone	9.810	82	103347	41.340	ng	#	92
26) 2-Nitrophenol	9.998	139	27185	46.693	ng	#	84
27) 2,4-Dimethylphenol	10.056	122	47873	50.803	ng		92
28) bis(2-Chloroethoxy)met...	10.291	93	59347	44.067	ng		98
29) 2,4-Dichlorophenol	10.532	162	57654	45.632	ng		88
30) 1,2,4-Trichlorobenzene	10.756	180	66489	42.501	ng		96
31) Naphthalene	10.944	128	150150	39.540	ng		100
32) Benzoic acid	10.221	122	13043m	35.586	ng		
33) 4-Chloroaniline	11.044	127	47567	30.194	ng		94
34) Hexachlorobutadiene	11.237	225	53527	44.503	ng		97
35) Caprolactam	11.807	113	15747m	45.274	ng		
36) 4-Chloro-3-methylphenol	12.160	107	53308	43.403	ng	#	83
37) 2-Methylnaphthalene	12.542	142	110996	39.506	ng		97
38) 1-Methylnaphthalene	12.759	142	108185	39.546	ng		96
40) 1,2,4,5-Tetrachloroben...	12.912	216	94626	42.729	ng	#	95
41) Hexachlorocyclopentadiene	12.894	237	119303	115.693	ng		98
43) 2,4,6-Trichlorophenol	13.141	196	54331	43.675	ng		98

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44) 2,4,5-Trichlorophenol	13.217	196	60086	43.259	ng	#	91
46) 1,1'-Biphenyl	13.546	154	161118	40.246	ng		97
47) 2-Chloronaphthalene	13.588	162	131595	40.617	ng		95
48) 2-Nitroaniline	13.781	65	36762	42.655	ng		87
49) Acenaphthylene	14.434	152	209527	41.590	ng		100
50) Dimethylphthalate	14.158	163	177230	40.491	ng		99
51) 2,6-Dinitrotoluene	14.275	165	40059	45.298	ng	#	73
52) Acenaphthene	14.774	154	143778m	44.772	ng		
53) 3-Nitroaniline	14.598	138	28191	32.904	ng		89
54) 2,4-Dinitrophenol	14.810	184	43239	87.851	ng	#	75
55) Dibenzofuran	15.109	168	208920	40.379	ng		93
56) 4-Nitrophenol	14.904	139	58198	95.677	ng		90
57) 2,4-Dinitrotoluene	15.062	165	56338	45.108	ng	#	82
58) Fluorene	15.756	166	171622	40.399	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.327	232	60600	44.613	ng	#	87
60) Diethylphthalate	15.521	149	169741	40.044	ng		96
61) 4-Chlorophenyl-phenyle...	15.744	204	109703	43.134	ng	#	87
62) 4-Nitroaniline	15.762	138	36064	40.363	ng	#	85
63) Azobenzene	16.038	77	134526	39.427	ng		89
65) 4,6-Dinitro-2-methylph...	15.826	198	33991	45.514	ng		81
66) n-Nitrosodiphenylamine	15.955	169	156310	40.066	ng		95
67) 4-Bromophenyl-phenylether	16.637	248	79597	42.574	ng		91
68) Hexachlorobenzene	16.760	284	90928	42.517	ng	#	92
69) Atrazine	16.901	200	75594	46.775	ng		96
70) Pentachlorophenol	17.101	266	99367	100.024	ng		96
71) Phenanthrene	17.495	178	305719	39.751	ng		97
72) Anthracene	17.583	178	314510	41.877	ng		99
73) Carbazole	17.847	167	274589	42.596	ng		98
74) Di-n-butylphthalate	18.411	149	309778	41.562	ng	#	97
75) Fluoranthene	19.498	202	428367	42.429	ng		96
77) Benzidine	19.675	184	224888	58.898	ng		98
78) Pyrene	19.863	202	431956	38.789	ng		98
80) Butylbenzylphthalate	20.744	149	142667	39.969	ng		86
81) Benzo(a)anthracene	21.707	228	487531	40.838	ng		100
82) 3,3'-Dichlorobenzidine	21.619	252	143510	40.235	ng	#	97
83) Chrysene	21.778	228	451346	39.663	ng		98
84) Bis(2-ethylhexyl)phtha...	21.613	149	208747	40.890	ng	#	92
85) Di-n-octyl phthalate	22.841	149	365975	41.710	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.723	276	602617	41.049	ng	#	98
88) Benzo(b)fluoranthene	23.958	252	517753m	43.773	ng		
89) Benzo(k)fluoranthene	24.022	252	513649	43.860	ng	#	98
90) Benzo(a)pyrene	24.839	252	498410	49.942	ng		99
91) Dibenzo(a,h)anthracene	28.787	278	526202	43.346	ng		97
92) Benzo(g,h,i)perylene	29.898	276	519064	43.327	ng		95

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

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