Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101321\
Data File : BG050566.D
Acq On : 13 Oct 2021 11:50
Operator : CG/JU
Sample : PB139654BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 13 15:10:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 15:51:01 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB139654BS

Manual Integrations APPROVED

10/14/2021 10:54:12 AM

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.255	152	40621	20.00	ng		0.00
21) Naphthalene-d8	11.087	136	179562	20.00	ng		# 0.00
39) Acenaphthene-d10	14.876	164	124510	20.00	ng		0.00
64) Phenanthrene-d10	17.620	188	288090	20.00	ng		# 0.00
76) Chrysene-d12	21.921	240	250412	20.00	ng		# 0.00
86) Perylene-d12	25.341	264	253392	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.793	112	341100	125.58	ng		0.00
7) Phenol-d6	7.403	99	470395	119.62	ng		0.00
23) Nitrobenzene-d5	9.430	82	321218	74.05	ng		0.00
42) 2,4,6-Tribromophenol	16.363	330	138608	116.71	ng		0.00
45) 2-Fluorobiphenyl	13.502	172	600106	72.54	ng		0.00
79) Terphenyl-d14	20.211	244	999287	77.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.654	88	41012	29.15	ng		91
3) Pyridine	4.060	79	101090	26.31	ng	#	93
4) n-Nitrosodimethylamine	3.972	42	71347	39.40	ng	#	43
6) Aniline	7.579	93	180389	39.48	ng		96
8) 2-Chlorophenol	7.820	128	122632	46.89	ng		85
9) Benzaldehyde	7.391	77	96015	38.55	ng		90
10) Phenol	7.432	94	174456	45.63	ng		87
11) bis(2-Chloroethyl)ether	7.667	93	124251	41.63	ng		84
12) 1,3-Dichlorobenzene	8.149	146	121208	40.15	ng		95
13) 1,4-Dichlorobenzene	8.296	146	123081	40.44	ng		96
14) 1,2-Dichlorobenzene	8.613	146	119303	41.04	ng		96
15) Benzyl Alcohol	8.490	79	142886	45.98	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.778	45	200969	41.29	ng		86
17) 2-Methylphenol	8.690	107	119560	47.52	ng	#	90
18) Hexachloroethane	9.353	117	48111	41.77	ng		96
19) n-Nitroso-di-n-propyla...	9.060	70	121438	42.37	ng	#	91
20) 3+4-Methylphenols	9.019	107	163138	46.07	ng		96
22) Acetophenone	9.083	105	196509	38.49	ng	#	98
24) Nitrobenzene	9.471	77	174370	40.43	ng		96
25) Isophorone	9.994	82	311648	40.51	ng	#	96
26) 2-Nitrophenol	10.188	139	69073	43.61	ng	#	91
27) 2,4-Dimethylphenol	10.235	122	131292	47.98	ng		90
28) bis(2-Chloroethoxy)met...	10.476	93	173660	39.48	ng		94
29) 2,4-Dichlorophenol	10.722	162	120571	43.23	ng		93
30) 1,2,4-Trichlorobenzene	10.940	180	121802	38.45	ng		98
31) Naphthalene	11.134	128	382674	39.81	ng		97
32) Benzoic acid	10.370	122	77114	37.97	ng	#	73
33) 4-Chloroaniline	11.239	127	111279	27.59	ng		97
34) Hexachlorobutadiene	11.410	225	74012	37.21	ng		95
35) Caprolactam	12.009	113	48963m	45.87	ng		
36) 4-Chloro-3-methylphenol	12.338	107	154926	44.45	ng	#	92
37) 2-Methylnaphthalene	12.720	142	277266	41.81	ng		92
38) 1-Methylnaphthalene	12.937	142	256921	39.95	ng		94
40) 1,2,4,5-Tetrachloroben...	13.084	216	138118	37.56	ng		98
41) Hexachlorocyclopentadiene	13.055	237	181395	85.36	ng		93
43) 2,4,6-Trichlorophenol	13.314	196	104157	40.20	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.390	196	112409	41.50	ng		91
46) 1,1'-Biphenyl	13.713	154	348261	38.35	ng		93
47) 2-Chloronaphthalene	13.760	162	273262	39.19	ng		97
48) 2-Nitroaniline	13.960	65	122917	44.31	ng		95
49) Acenaphthylene	14.606	152	464196	40.63	ng		97
50) Dimethylphthalate	14.324	163	385802	40.99	ng		99
51) 2,6-Dinitrotoluene	14.447	165	83095	44.08	ng		92
52) Acenaphthene	14.941	154	329885m	44.93	ng		
53) 3-Nitroaniline	14.777	138	74488	33.41	ng		91
54) 2,4-Dinitrophenol	14.982	184	96126	82.20	ng		93
55) Dibenzofuran	15.276	168	441200	38.85	ng		99
56) 4-Nitrophenol	15.076	139	156080	87.02	ng	#	81
57) 2,4-Dinitrotoluene	15.235	165	120327	45.29	ng		96
58) Fluorene	15.922	166	358572	41.11	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.493	232	96861	41.05	ng		95
60) Diethylphthalate	15.675	149	416320	42.10	ng		97
61) 4-Chlorophenyl-phenyle...	15.905	204	190240	39.86	ng		97
62) 4-Nitroaniline	15.940	138	96926	41.78	ng	#	69
63) Azobenzene	16.198	77	462984	40.45	ng		83
65) 4,6-Dinitro-2-methylph...	15.993	198	67181	38.82	ng		91
66) n-Nitrosodiphenylamine	16.122	169	328656	40.15	ng		98
67) 4-Bromophenyl-phenylether	16.804	248	115544	39.80	ng		96
68) Hexachlorobenzene	16.921	284	117729	40.80	ng	#	92
69) Atrazine	17.062	200	138786	43.04	ng		97
70) Pentachlorophenol	17.268	266	151748	77.26	ng		96
71) Phenanthrene	17.667	178	615287	40.53	ng		98
72) Anthracene	17.755	178	629301	41.71	ng		98
73) Carbazole	18.020	167	587046	39.04	ng		99
74) Di-n-butylphthalate	18.560	149	737306	41.79	ng	#	98
75) Fluoranthene	19.659	202	755566	40.49	ng		95
77) Benzidine	19.835	184	360900	44.47	ng		99
78) Pyrene	20.023	202	750519	42.24	ng		97
80) Butylbenzylphthalate	20.893	149	323006	42.98	ng		97
81) Benzo(a)anthracene	21.903	228	678373	40.94	ng		100
82) 3,3'-Dichlorobenzidine	21.809	252	190788	34.74	ng	#	98
83) Chrysene	21.974	228	647060	41.52	ng		95
84) Bis(2-ethylhexyl)phtha...	21.780	149	464679	43.52	ng	#	96
85) Di-n-octyl phthalate	23.055	149	798980	44.86	ng		96
87) Indeno(1,2,3-cd)pyrene	29.265	276	747414	42.35	ng	#	88
88) Benzo(b)fluoranthene	24.248	252	689072	44.40	ng	#	93
89) Benzo(k)fluoranthene	24.318	252	658131	43.11	ng	#	96
90) Benzo(a)pyrene	25.182	252	661408	50.13	ng	#	94
91) Dibenzo(a,h)anthracene	29.336	278	629379	43.11	ng	#	93
92) Benzo(g,h,i)perylene	30.511	276	614705	42.99	ng	#	92

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

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