Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
Data File : BG059884.D
Acq On : 25 Nov 2023 9:54
Operator : MA/JU
Sample : PB157208BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 27 03:18:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 15:11:07 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB157208BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.317	152	25587	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	122335	20.000	ng	# 0.00
39) Acenaphthene-d10	14.956	164	75288	20.000	ng	0.00
64) Phenanthrene-d10	17.700	188	180811	20.000	ng	# 0.00
76) Chrysene-d12	22.024	240	139082	20.000	ng	# 0.00
86) Perylene-d12	25.591	264	159270	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	256594	168.790	ng	0.00
7) Phenol-d6	7.447	99	316223	140.370	ng	0.00
23) Nitrobenzene-d5	9.521	82	332108	103.681	ng	0.00
42) 2,4,6-Tribromophenol	16.437	330	165515	193.758	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	611524	109.332	ng	0.00
79) Terphenyl-d14	20.274	244	1132870	120.245	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.640	88	20536	28.761	ng	# 90
3) Pyridine	4.057	79	53038	27.197	ng	# 88
4) n-Nitrosodimethylamine	3.987	42	45320	43.683	ng	# 57
6) Aniline	7.641	93	91494	30.775	ng	# 84
8) 2-Chlorophenol	7.870	128	86514	52.458	ng	86
9) Benzaldehyde	7.459	77	15092	9.911	ng	# 80
10) Phenol	7.477	94	122099	52.588	ng	97
11) bis(2-Chloroethyl)ether	7.729	93	61930	42.848	ng	97
12) 1,3-Dichlorobenzene	8.199	146	98694	53.876	ng	96
13) 1,4-Dichlorobenzene	8.352	146	98829	53.724	ng	99
14) 1,2-Dichlorobenzene	8.669	146	97895	53.563	ng	92
15) Benzyl Alcohol	8.564	79	147849	57.553	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.840	45	25368	47.705	ng	# 75
17) 2-Methylphenol	8.746	107	100466	58.747	ng	# 87
18) Hexachloroethane	9.404	117	47271	60.543	ng	# 87
19) n-Nitroso-di-n-propyla...	9.128	70	90588	51.063	ng	# 91
20) 3+4-Methylphenols	9.075	107	135588	57.111	ng	95
22) Acetophenone	9.163	105	194317	56.105	ng	98
24) Nitrobenzene	9.568	77	156943	53.200	ng	98
25) Isophorone	10.068	82	256048	47.615	ng	96
26) 2-Nitrophenol	10.268	139	64922	60.026	ng	87
27) 2,4-Dimethylphenol	10.297	122	108207	49.206	ng	87
28) bis(2-Chloroethoxy)met...	10.544	93	103495	51.215	ng	95
29) 2,4-Dichlorophenol	10.796	162	113788	60.606	ng	89
30) 1,2,4-Trichlorobenzene	11.008	180	109685	57.806	ng	# 95
31) Naphthalene	11.219	128	330346	53.702	ng	# 94
32) Benzoic acid	10.432	122	77328m	51.670	ng	
33) 4-Chloroaniline	11.331	127	62860	24.025	ng	95
34) Hexachlorobutadiene	11.437	225	73683	57.057	ng	# 86
35) Caprolactam	12.130	113	37949m	55.305	ng	
36) 4-Chloro-3-methylphenol	12.412	107	154191	61.752	ng	97
37) 2-Methylnaphthalene	12.800	142	258397	49.874	ng	88
38) 1-Methylnaphthalene	13.011	142	247695	51.842	ng	98
40) 1,2,4,5-Tetrachloroben...	13.141	216	133661	65.737	ng	96
41) Hexachlorocyclopentadiene	13.094	237	154454	121.100	ng	89
43) 2,4,6-Trichlorophenol	13.382	196	99299	70.230	ng	92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.458	196	107544	64.733	ng		93
46) 1,1'-Biphenyl	13.793	154	349458	59.135	ng		96
47) 2-Chloronaphthalene	13.840	162	269291	66.319	ng	#	84
48) 2-Nitroaniline	14.057	65	89088	61.451	ng	#	78
49) Acenaphthylene	14.686	152	433902	62.670	ng	#	94
50) Dimethylphthalate	14.398	163	347919	59.632	ng		99
51) 2,6-Dinitrotoluene	14.539	165	68856	62.210	ng		85
52) Acenaphthene	15.015	154	253412	60.860	ng		95
53) 3-Nitroaniline	14.874	138	43129	33.290	ng	#	71
54) 2,4-Dinitrophenol	15.074	184	81839	99.503	ng	#	61
55) Dibenzofuran	15.350	168	407300	59.329	ng		94
56) 4-Nitrophenol	15.162	139	105932	106.873	ng	#	56
57) 2,4-Dinitrotoluene	15.315	165	97257	57.138	ng	#	91
58) Fluorene	15.996	166	350870	61.517	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.556	232	89125m	61.028	ng		
60) Diethylphthalate	15.738	149	378790	60.535	ng		99
61) 4-Chlorophenyl-phenyle...	15.973	204	176528	60.131	ng	#	94
62) 4-Nitroaniline	16.043	138	69075	53.199	ng	#	78
63) Azobenzene	16.266	77	385251	55.402	ng		94
65) 4,6-Dinitro-2-methylph...	16.067	198	55328	50.071	ng		96
66) n-Nitrosodiphenylamine	16.196	169	304716	57.691	ng		95
67) 4-Bromophenyl-phenylether	16.872	248	111493	57.398	ng	#	90
68) Hexachlorobenzene	16.966	284	115710	63.824	ng	#	89
69) Atrazine	17.130	200	122373	72.263	ng		94
70) Pentachlorophenol	17.324	266	139217	100.653	ng	#	82
71) Phenanthrene	17.747	178	510158	55.495	ng		96
72) Anthracene	17.835	178	553700m	57.970	ng		
73) Carbazole	18.111	167	435745	52.220	ng		97
74) Di-n-butylphthalate	18.611	149	541414	53.678	ng		98
75) Fluoranthene	19.733	202	594091	53.889	ng		99
77) Benzidine	19.921	184	214522	68.020	ng		98
78) Pyrene	20.103	202	546807	57.783	ng		97
80) Butylbenzylphthalate	20.955	149	226766	58.441	ng		92
81) Benzo(a)anthracene	22.001	228	532141	55.919	ng		96
82) 3,3'-Dichlorobenzidine	21.913	252	145925	41.159	ng		93
83) Chrysene	22.077	228	501236	57.457	ng		98
84) Bis(2-ethylhexyl)phtha...	21.825	149	324285	59.783	ng	#	98
85) Di-n-octyl phthalate	23.147	149	531322	50.881	ng		98
87) Indeno(1,2,3-cd)pyrene	29.745	276	674395m	55.960	ng		
88) Benzo(b)fluoranthene	24.427	252	596672	68.351	ng		97
89) Benzo(k)fluoranthene	24.516	252	508155	58.881	ng	#	99
90) Benzo(a)pyrene	25.426	252	476521	51.148	ng	#	98
91) Dibenzo(a,h)anthracene	29.804	278	572449	56.144	ng	#	98
92) Benzo(g,h,i)perylene	31.043	276	508337m	52.544	ng		

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

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