Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012723\
Data File : BG056463.D
Acq On : 27 Jan 2023 20:32
Operator : CG/JU
Sample : PB150385BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 28 01:12:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 28 00:39:13 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB150385BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.277	152	25391	20.000	ng	# 0.00
21) Naphthalene-d8	11.115	136	107901	20.000	ng	0.00
39) Acenaphthene-d10	14.899	164	95479	20.000	ng	0.00
64) Phenanthrene-d10	17.637	188	252408	20.000	ng	0.00
76) Chrysene-d12	21.926	240	238877	20.000	ng	0.00
86) Perylene-d12	25.351	264	262883	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.798	112	235737	170.792	ng	0.00
7) Phenol-d6	7.425	99	332689	162.677	ng	0.00
23) Nitrobenzene-d5	9.458	82	175155	92.179	ng	0.00
42) 2,4,6-Tribromophenol	16.385	330	185283	145.968	ng	0.00
45) 2-Fluorobiphenyl	13.524	172	619371	89.937	ng	0.00
79) Terphenyl-d14	20.210	244	1295194	95.230	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.594	88	19438	33.821	ng	94
3) Pyridine	4.017	79	58161	33.948	ng	# 93
4) n-Nitrosodimethylamine	3.929	42	16184	44.420	ng	92
6) Aniline	7.590	93	113572	42.416	ng	98
8) 2-Chlorophenol	7.842	128	80295	52.955	ng	96
9) Benzaldehyde	7.402	77	32719	33.246	ng	94
10) Phenol	7.449	94	113387	54.550	ng	97
11) bis(2-Chloroethyl)ether	7.684	93	67659	47.357	ng	95
12) 1,3-Dichlorobenzene	8.165	146	83825	48.015	ng	97
13) 1,4-Dichlorobenzene	8.312	146	87030	49.225	ng	97
14) 1,2-Dichlorobenzene	8.641	146	85469	49.826	ng	99
15) Benzyl Alcohol	8.512	79	70603	50.318	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.794	45	13689	45.220	ng	91
17) 2-Methylphenol	8.718	107	77793	49.195	ng	94
18) Hexachloroethane	9.376	117	25284	47.282	ng	91
19) n-Nitroso-di-n-propyla...	9.082	70	54669	46.386	ng	97
20) 3+4-Methylphenols	9.047	107	110869	50.029	ng	99
22) Acetophenone	9.105	105	128304	44.753	ng	98
24) Nitrobenzene	9.499	77	83673	45.652	ng	97
25) Isophorone	10.016	82	170801	43.571	ng	98
26) 2-Nitrophenol	10.216	139	51231	46.069	ng	97
27) 2,4-Dimethylphenol	10.263	122	91366	49.093	ng	96
28) bis(2-Chloroethoxy)met...	10.492	93	97669	45.100	ng	98
29) 2,4-Dichlorophenol	10.756	162	106479	50.828	ng	96
30) 1,2,4-Trichlorobenzene	10.968	180	109102	46.866	ng	99
31) Naphthalene	11.162	128	256613	45.059	ng	98
32) Benzoic acid	10.404	122	45684	43.875	ng	96
33) 4-Chloroaniline	11.268	127	100433	37.780	ng	98
34) Hexachlorobutadiene	11.438	225	75361	46.119	ng	98
35) Caprolactam	12.037	113	33807m	47.850	ng	
36) 4-Chloro-3-methylphenol	12.366	107	100509	49.681	ng	97
37) 2-Methylnaphthalene	12.748	142	208599	44.429	ng	99
38) 1-Methylnaphthalene	12.966	142	192389	43.875	ng	98
40) 1,2,4,5-Tetrachloroben...	13.112	216	156711	44.926	ng	97
41) Hexachlorocyclopentadiene	13.083	237	176587	94.265	ng	98
43) 2,4,6-Trichlorophenol	13.342	196	104188	46.350	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.418	196	111224	42.261	ng		95
46) 1,1'-Biphenyl	13.735	154	306910	44.317	ng		99
47) 2-Chloronaphthalene	13.788	162	243128	44.915	ng		99
48) 2-Nitroaniline	13.982	65	50793	45.391	ng		91
49) Acenaphthylene	14.628	152	390267	44.314	ng		100
50) Dimethylphthalate	14.340	163	343151	44.424	ng		99
51) 2,6-Dinitrotoluene	14.464	165	74859	44.439	ng		98
52) Acenaphthene	14.963	154	232355	44.490	ng		99
53) 3-Nitroaniline	14.799	138	56139	34.376	ng		97
54) 2,4-Dinitrophenol	15.010	184	105709	100.097	ng		97
55) Dibenzofuran	15.292	168	415969	44.412	ng		100
56) 4-Nitrophenol	15.104	139	107273	96.131	ng		93
57) 2,4-Dinitrotoluene	15.251	165	109773	46.263	ng		99
58) Fluorene	15.939	166	337893	45.338	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.521	232	113192	48.372	ng		99
60) Diethylphthalate	15.686	149	323338	44.577	ng		99
61) 4-Chlorophenyl-phenyle...	15.921	204	203858	44.827	ng		97
62) 4-Nitroaniline	15.962	138	70702	43.266	ng		98
63) Azobenzene	16.215	77	224297	44.941	ng		97
65) 4,6-Dinitro-2-methylph...	16.021	198	75311	42.439	ng		99
66) n-Nitrosodiphenylamine	16.132	169	313009	43.800	ng		100
67) 4-Bromophenyl-phenylether	16.814	248	142955	44.241	ng		99
68) Hexachlorobenzene	16.943	284	146694	46.352	ng		99
69) Atrazine	17.067	200	135417	49.117	ng		98
70) Pentachlorophenol	17.284	266	156905	81.937	ng		100
71) Phenanthrene	17.678	178	596467	45.151	ng		97
72) Anthracene	17.772	178	604834	44.601	ng		99
73) Carbazole	18.036	167	519859	45.010	ng		100
74) Di-n-butylphthalate	18.565	149	526110	43.382	ng		99
75) Fluoranthene	19.670	202	742357	44.524	ng		99
77) Benzidine	19.840	184	318282	49.237	ng		98
78) Pyrene	20.034	202	753830	44.371	ng		99
80) Butylbenzylphthalate	20.886	149	228379	44.015	ng		99
81) Benzo(a)anthracene	21.908	228	760805	45.557	ng		98
82) 3,3'-Dichlorobenzidine	21.808	252	203091	33.770	ng		99
83) Chrysene	21.979	228	704352	44.893	ng		99
84) Bis(2-ethylhexyl)phtha...	21.767	149	324895	43.674	ng		99
85) Di-n-octyl phthalate	23.036	149	550507	44.437	ng		99
87) Indeno(1,2,3-cd)pyrene	29.294	276	892960	46.404	ng	#	95
88) Benzo(b)fluoranthene	24.252	252	802489	49.181	ng		98
89) Benzo(k)fluoranthene	24.329	252	768619	46.656	ng		100
90) Benzo(a)pyrene	25.187	252	696354	43.324	ng		99
91) Dibenzo(a,h)anthracene	29.352	278	746519	46.216	ng		100
92) Benzo(g,h,i)perylene	30.539	276	721572	46.297	ng		99

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

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