Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080323\
Data File : BG058587.D
Acq On : 3 Aug 2023 10:54
Operator : MA/JU
Sample : 03741-05MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 03 12:20:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
B-P24BMS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.812	152	95079	20.000	ng		0.00
21) Naphthalene-d8	10.615	136	399904	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	273866	20.000	ng		0.00
64) Phenanthrene-d10	17.207	188	614479	20.000	ng		0.00
76) Chrysene-d12	21.455	240	521415	20.000	ng		0.00
86) Perylene-d12	24.528	264	677096	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.385	112	336177	54.043	ng		0.00
7) Phenol-d6	6.989	99	476255	55.021	ng		0.00
23) Nitrobenzene-d5	8.975	82	283404	34.814	ng		0.00
42) 2,4,6-Tribromophenol	15.955	330	244078	54.374	ng		0.00
45) 2-Fluorobiphenyl	13.082	172	650027	35.569	ng		0.00
79) Terphenyl-d14	19.827	244	1145862	41.326	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.264	88	60315	20.010	ng		98
3) Pyridine	3.664	79	151125	18.389	ng		98
4) n-Nitrosodimethylamine	3.582	42	82269	23.627	ng		93
6) Aniline	7.136	93	203337	19.080	ng		97
8) 2-Chlorophenol	7.377	128	170307	27.908	ng		98
9) Benzaldehyde	6.948	77	106856	22.722	ng		98
10) Phenol	7.013	94	231585	27.389	ng		99
11) bis(2-Chloroethyl)ether	7.236	93	170430	25.567	ng		99
12) 1,3-Dichlorobenzene	7.700	146	171027	26.246	ng		100
13) 1,4-Dichlorobenzene	7.847	146	170549	26.066	ng		96
14) 1,2-Dichlorobenzene	8.165	146	168117	26.874	ng		98
15) Benzyl Alcohol	8.053	79	155048	28.245	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.341	45	282710	26.109	ng		98
17) 2-Methylphenol	8.264	107	155999	25.233	ng		98
18) Hexachloroethane	8.893	117	65548	27.562	ng		85
19) n-Nitroso-di-n-propyla...	8.617	70	132311	23.665	ng		98
20) 3+4-Methylphenols	8.593	107	214604	25.662	ng		99
22) Acetophenone	8.635	105	262615	24.525	ng	#	99
24) Nitrobenzene	9.022	77	202850	24.511	ng		96
25) Isophorone	9.539	82	387407	23.033	ng		99
26) 2-Nitrophenol	9.733	139	92262	25.611	ng		95
27) 2,4-Dimethylphenol	9.792	122	147265	24.645	ng		95
28) bis(2-Chloroethoxy)met...	10.021	93	225239	24.607	ng		100
29) 2,4-Dichlorophenol	10.268	162	163173	26.300	ng		97
30) 1,2,4-Trichlorobenzene	10.480	180	184445	25.778	ng		98
31) Naphthalene	10.668	128	517564	24.556	ng		100
32) Benzoic acid	9.957	122	121096	28.585	ng		99
33) 4-Chloroaniline	10.779	127	142836	16.040	ng		99
34) Hexachlorobutadiene	10.944	225	114857	24.926	ng		97
35) Caprolactam	11.566	113	55671m	24.299	ng		
36) 4-Chloro-3-methylphenol	11.913	107	197539	25.738	ng		99
37) 2-Methylnaphthalene	12.277	142	357013	23.679	ng		98
38) 1-Methylnaphthalene	12.501	142	343291	23.953	ng		98
40) 1,2,4,5-Tetrachloroben...	12.653	216	213040	25.338	ng		100
41) Hexachlorocyclopentadiene	12.624	237	147342	41.329	ng		98
43) 2,4,6-Trichlorophenol	12.894	196	153309	26.510	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.971	196	163717	24.035	ng		97
46) 1,1'-Biphenyl	13.294	154	465110	24.730	ng		99
47) 2-Chloronaphthalene	13.341	162	378310	25.798	ng		99
48) 2-Nitroaniline	13.546	65	140324	25.070	ng		99
49) Acenaphthylene	14.187	152	612546	24.949	ng		99
50) Dimethylphthalate	13.923	163	512398	24.912	ng		99
51) 2,6-Dinitrotoluene	14.046	165	109275	24.213	ng		99
52) Acenaphthene	14.528	154	344240	24.265	ng		99
53) 3-Nitroaniline	14.375	138	96459	21.363	ng		96
54) 2,4-Dinitrophenol	14.586	184	93412	40.767	ng		99
55) Dibenzofuran	14.863	168	591071	24.247	ng		99
56) 4-Nitrophenol	14.698	139	166639	51.061	ng		98
57) 2,4-Dinitrotoluene	14.833	165	154227	24.650	ng		94
58) Fluorene	15.515	166	462813	23.899	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	143114	24.622	ng		99
60) Diethylphthalate	15.280	149	484188	23.107	ng		99
61) 4-Chlorophenyl-phenyle...	15.503	204	254524	23.575	ng		99
62) 4-Nitroaniline	15.544	138	104556	24.445	ng		95
63) Azobenzene	15.797	77	490580	23.770	ng		100
65) 4,6-Dinitro-2-methylph...	15.603	198	76158	22.478	ng		96
66) n-Nitrosodiphenylamine	15.720	169	407993	25.510	ng		99
67) 4-Bromophenyl-phenylether	16.396	248	175912	25.240	ng		97
68) Hexachlorobenzene	16.514	284	196376	26.590	ng		96
69) Atrazine	16.672	200	162614	30.120	ng		98
70) Pentachlorophenol	16.866	266	203368	45.495	ng		98
71) Phenanthrene	17.248	178	722033	24.777	ng		100
72) Anthracene	17.342	178	737654	24.670	ng		99
73) Carbazole	17.612	167	678656	25.738	ng		100
74) Di-n-butylphthalate	18.170	149	853162	25.832	ng		100
75) Fluoranthene	19.269	202	868152	24.801	ng		99
77) Benzidine	19.451	184	446969	56.530	ng		99
78) Pyrene	19.628	202	895052	25.223	ng		99
80) Butylbenzylphthalate	20.515	149	378847	25.991	ng		98
81) Benzo(a)anthracene	21.431	228	915928	25.525	ng		98
82) 3,3'-Dichlorobenzidine	21.355	252	292620	24.119	ng		99
83) Chrysene	21.496	228	848257	24.655	ng		99
84) Bis(2-ethylhexyl)phtha...	21.337	149	554072	26.013	ng		99
85) Di-n-octyl phthalate	22.489	149	979336	26.152	ng		100
87) Indeno(1,2,3-cd)pyrene	28.024	276	1158988	25.730	ng	#	90
88) Benzo(b)fluoranthene	23.552	252	974464	26.535	ng		99
89) Benzo(k)fluoranthene	23.617	252	932385	25.273	ng		100
90) Benzo(a)pyrene	24.381	252	874437	24.246	ng		98
91) Dibenzo(a,h)anthracene	28.077	278	974716	26.170	ng		99
92) Benzo(g,h,i)perylene	29.116	276	894495	23.950	ng		99

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

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