Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080223\
Data File : BG058576.D
Acq On : 2 Aug 2023 13:22
Operator : MA/JU
Sample : 03686-14MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

Quant Time: Aug 03 02:41:03 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	54683	20.000	ng	0.00
21) Naphthalene-d8	10.612	136	239185	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	163891	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	364824	20.000	ng	0.00
76) Chrysene-d12	21.452	240	304572	20.000	ng	0.00
86) Perylene-d12	24.519	264	394180	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.383	112	314654	87.950	ng	0.00
7) Phenol-d6	6.987	99	425360	85.444	ng	0.00
23) Nitrobenzene-d5	8.979	82	257404	52.867	ng	0.00
42) 2,4,6-Tribromophenol	15.959	330	199082	74.110	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	572717	52.368	ng	0.00
79) Terphenyl-d14	19.825	244	939886	58.032	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.262	88	67488	38.929	ng	99
3) Pyridine	3.661	79	170811	36.139	ng	99
4) n-Nitrosodimethylamine	3.579	42	93523	46.700	ng	96
6) Aniline	7.139	93	169308	27.623	ng	100
8) 2-Chlorophenol	7.380	128	196695	56.042	ng	96
9) Benzaldehyde	6.951	77	123097	45.512	ng	98
10) Phenol	7.016	94	269370	55.392	ng	98
11) bis(2-Chloroethyl)ether	7.234	93	190449	49.676	ng	99
12) 1,3-Dichlorobenzene	7.704	146	193336	51.587	ng	98
13) 1,4-Dichlorobenzene	7.850	146	196409	52.193	ng	95
14) 1,2-Dichlorobenzene	8.162	146	191752	53.297	ng	98
15) Benzyl Alcohol	8.056	79	182596	57.837	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.344	45	313826	50.393	ng	99
17) 2-Methylphenol	8.262	107	178235	50.127	ng	98
18) Hexachloroethane	8.890	117	73136	53.471	ng	96
19) n-Nitroso-di-n-propyla...	8.620	70	152782	47.513	ng	99
20) 3+4-Methylphenols	8.591	107	247506	51.461	ng	99
22) Acetophenone	8.638	105	305434	47.691	ng	98
24) Nitrobenzene	9.020	77	231456	46.760	ng	98
25) Isophorone	9.537	82	445435	44.278	ng	99
26) 2-Nitrophenol	9.731	139	109285	50.720	ng	97
27) 2,4-Dimethylphenol	9.795	122	172596	48.292	ng	99
28) bis(2-Chloroethoxy)met...	10.024	93	257962	47.119	ng	97
29) 2,4-Dichlorophenol	10.271	162	192281	51.816	ng	98
30) 1,2,4-Trichlorobenzene	10.477	180	211228	49.358	ng	99
31) Naphthalene	10.665	128	587881	46.633	ng	99
32) Benzoic acid	9.971	122	150083	54.341	ng	90
33) 4-Chloroaniline	10.782	127	82705	15.528	ng	97
34) Hexachlorobutadiene	10.947	225	133328	48.377	ng	99
35) Caprolactam	11.575	113	63435m	46.292	ng	
36) 4-Chloro-3-methylphenol	11.916	107	228286	49.731	ng	98
37) 2-Methylnaphthalene	12.281	142	401968	44.576	ng	98
38) 1-Methylnaphthalene	12.498	142	391271	45.646	ng	99
40) 1,2,4,5-Tetrachloroben...	12.651	216	242816	48.258	ng	99
41) Hexachlorocyclopentadiene	12.627	237	205355	87.200	ng	98
43) 2,4,6-Trichlorophenol	12.897	196	175141	50.607	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.968	196	191170	46.898	ng	98
46) 1,1'-Biphenyl	13.291	154	537536	47.759	ng	99
47) 2-Chloronaphthalene	13.338	162	430978	49.110	ng	98
48) 2-Nitroaniline	13.550	65	161254	48.141	ng	94
49) Acenaphthylene	14.184	152	701631	47.754	ng	99
50) Dimethylphthalate	13.920	163	618831	50.276	ng	99
51) 2,6-Dinitrotoluene	14.043	165	125910	46.621	ng	97
52) Acenaphthene	14.525	154	393408	46.340	ng	100
53) 3-Nitroaniline	14.372	138	92026	34.058	ng	100
54) 2,4-Dinitrophenol	14.590	184	125137	81.989	ng	98
55) Dibenzofuran	14.860	168	665290	45.605	ng	99
56) 4-Nitrophenol	14.695	139	187899	93.270	ng	96
57) 2,4-Dinitrotoluene	14.836	165	175257	46.807	ng	96
58) Fluorene	15.512	166	521952	45.039	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.095	232	165747	47.651	ng	99
60) Diethylphthalate	15.283	149	551427	43.975	ng	99
61) 4-Chlorophenyl-phenyle...	15.500	204	290781	45.006	ng	98
62) 4-Nitroaniline	15.541	138	117292	45.823	ng	96
63) Azobenzene	15.794	77	555309	44.961	ng	99
65) 4,6-Dinitro-2-methylph...	15.600	198	95884	47.666	ng	99
66) n-Nitrosodiphenylamine	15.724	169	458618	48.299	ng	98
67) 4-Bromophenyl-phenylether	16.399	248	198302	47.924	ng	97
68) Hexachlorobenzene	16.517	284	224405	51.179	ng	98
69) Atrazine	16.669	200	182866	57.049	ng	99
70) Pentachlorophenol	16.863	266	235086	88.579	ng	98
71) Phenanthrene	17.251	178	803414	46.436	ng	99
72) Anthracene	17.339	178	828904	46.692	ng	99
73) Carbazole	17.615	167	758653	48.461	ng	100
74) Di-n-butylphthalate	18.168	149	942305	48.056	ng	100
75) Fluoranthene	19.266	202	943297	45.388	ng	99
77) Benzidine	19.449	184	399492	86.497	ng	99
78) Pyrene	19.631	202	982230	47.387	ng	100
80) Butylbenzylphthalate	20.512	149	439175	51.582	ng	99
81) Benzo(a)anthracene	21.429	228	1008876	48.133	ng	99
82) 3,3'-Dichlorobenzidine	21.352	252	249874	35.259	ng	99
83) Chrysene	21.493	228	937172	46.633	ng	99
84) Bis(2-ethylhexyl)phtha...	21.335	149	630991	50.715	ng	100
85) Di-n-octyl phthalate	22.486	149	1084916	49.597	ng	100
87) Indeno(1,2,3-cd)pyrene	28.027	276	1284657	48.989	ng	99
88) Benzo(b)fluoranthene	23.550	252	1059585	49.561	ng	98
89) Benzo(k)fluoranthene	23.614	252	1018647	47.428	ng	99
90) Benzo(a)pyrene	24.378	252	957534	45.606	ng	98
91) Dibenzo(a,h)anthracene	28.080	278	1077027	49.671	ng	100
92) Benzo(g,h,i)perylene	29.120	276	1027087	47.238	ng	99

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

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