Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
Data File : BG061110.D
Acq On : 3 May 2024 17:32
Operator : MA/JU
Sample : P2354-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 03 19:19:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
V359MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.934	152	26939	20.000	ng		-0.03
21) Naphthalene-d8	10.731	136	109052	20.000	ng		#-0.03
39) Acenaphthene-d10	14.562	164	83703	20.000	ng		-0.03
64) Phenanthrene-d10	17.311	188	191666	20.000	ng		-0.02
76) Chrysene-d12	21.571	240	189302	20.000	ng		-0.02
86) Perylene-d12	24.697	264	165890	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.525	112	76404	57.681	ng		-0.02
7) Phenol-d6	7.111	99	134707	68.745	ng		-0.02
23) Nitrobenzene-d5	9.091	82	98139	44.611	ng		-0.03
42) 2,4,6-Tribromophenol	16.054	330	70211	41.965	ng		-0.02
45) 2-Fluorobiphenyl	13.187	172	161856	28.594	ng		-0.02
79) Terphenyl-d14	19.932	244	242547	21.309	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.439	88	14334	26.763	ng		99
3) Pyridine	3.827	79	41685	26.450	ng		97
4) n-Nitrosodimethylamine	3.745	42	46855	30.944	ng		97
6) Aniline	7.258	93	49279	25.368	ng		96
8) 2-Chlorophenol	7.505	128	70611	43.451	ng		97
9) Benzaldehyde	7.070	77	31740	28.073	ng		99
10) Phenol	7.135	94	95548	47.949	ng		93
11) bis(2-Chloroethyl)ether	7.358	93	56455	41.009	ng		99
12) 1,3-Dichlorobenzene	7.822	146	78542	40.997	ng		99
13) 1,4-Dichlorobenzene	7.969	146	79090	39.944	ng		94
14) 1,2-Dichlorobenzene	8.287	146	76721	40.162	ng		95
15) Benzyl Alcohol	8.169	79	71238	40.301	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.451	45	121582	40.702	ng		98
17) 2-Methylphenol	8.381	107	58740	41.364	ng		96
18) Hexachloroethane	9.009	117	26956	38.154	ng		94
19) n-Nitroso-di-n-propyla...	8.739	70	54091	36.886	ng		89
20) 3+4-Methylphenols	8.710	107	84504	41.245	ng		95
22) Acetophenone	8.751	105	114713	42.238	ng	#	99
24) Nitrobenzene	9.133	77	86384	40.140	ng		96
25) Isophorone	9.656	82	151429	37.239	ng		97
26) 2-Nitrophenol	9.844	139	41849	41.043	ng		97
27) 2,4-Dimethylphenol	9.908	122	54060	45.988	ng		94
28) bis(2-Chloroethoxy)met...	10.137	93	81378	40.776	ng		98
29) 2,4-Dichlorophenol	10.384	162	81376	44.182	ng		93
30) 1,2,4-Trichlorobenzene	10.596	180	96521	43.492	ng		97
31) Naphthalene	10.784	128	242195	42.733	ng		99
32) Benzoic acid	10.061	122	45814m	33.714	ng		
33) 4-Chloroaniline	10.889	127	52268	23.124	ng		95
34) Hexachlorobutadiene	11.066	225	81748	42.930	ng		97
35) Caprolactam	11.671	113	22674	34.184	ng	#	89
36) 4-Chloro-3-methylphenol	12.023	107	89311	40.212	ng		95
37) 2-Methylnaphthalene	12.388	142	175136	41.236	ng		99
38) 1-Methylnaphthalene	12.605	142	162145	37.923	ng		98
40) 1,2,4,5-Tetrachloroben...	12.758	216	143715	51.448	ng		97
41) Hexachlorocyclopentadiene	12.734	237	39582	37.015	ng		91
43) 2,4,6-Trichlorophenol	12.999	196	85258	47.540	ng		96

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	92158	45.404	ng		98
46) 1,1'-Biphenyl	13.398	154	249001	46.396	ng		97
47) 2-Chloronaphthalene	13.439	162	198774	46.253	ng		99
48) 2-Nitroaniline	13.639	65	70361	44.121	ng		99
49) Acenaphthylene	14.285	152	317525	48.106	ng		99
50) Dimethylphthalate	14.021	163	265596	41.081	ng		100
51) 2,6-Dinitrotoluene	14.139	165	53271	38.522	ng		99
52) Acenaphthene	14.626	154	179451	43.581	ng		97
53) 3-Nitroaniline	14.468	138	41097	32.480	ng		98
54) 2,4-Dinitrophenol	14.685	184	20024	22.071	ng		96
55) Dibenzofuran	14.967	168	303418	43.626	ng		98
56) 4-Nitrophenol	14.797	139	77928	76.208	ng		94
57) 2,4-Dinitrotoluene	14.932	165	77303	37.784	ng	#	89
58) Fluorene	15.613	166	249788	41.505	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.196	232	90928	43.519	ng		100
60) Diethylphthalate	15.384	149	251566	38.586	ng		98
61) 4-Chlorophenyl-phenyle...	15.607	204	149600	41.398	ng		98
62) 4-Nitroaniline	15.631	138	53258	38.808	ng		90
63) Azobenzene	15.901	77	210906	41.556	ng		97
65) 4,6-Dinitro-2-methylph...	15.696	198	17670	14.859	ng		93
66) n-Nitrosodiphenylamine	15.825	169	222263	46.763	ng		97
67) 4-Bromophenyl-phenylether	16.500	248	106285	47.073	ng		95
68) Hexachlorobenzene	16.624	284	127675	45.432	ng		97
69) Atrazine	16.777	200	96646	49.306	ng		95
70) Pentachlorophenol	16.971	266	140118	81.159	ng		96
71) Phenanthrene	17.358	178	397397	45.345	ng		99
72) Anthracene	17.446	178	407865	46.641	ng		100
73) Carbazole	17.717	167	339388	44.141	ng		98
74) Di-n-butylphthalate	18.281	149	381953	41.777	ng		99
75) Fluoranthene	19.368	202	503101	41.904	ng		99
77) Benzidine	19.550	184	262349	71.383	ng		97
78) Pyrene	19.732	202	516112	42.884	ng		98
80) Butylbenzylphthalate	20.625	149	165926	43.554	ng		96
81) Benzo(a)anthracene	21.553	228	550950	44.477	ng		99
82) 3,3'-Dichlorobenzidine	21.471	252	168632	37.827	ng		98
83) Chrysene	21.618	228	526586	45.373	ng		99
84) Bis(2-ethylhexyl)phtha...	21.471	149	233255	46.888	ng		98
85) Di-n-octyl phthalate	22.652	149	410012	46.715	ng		99
87) Indeno(1,2,3-cd)pyrene	28.240	276	355867	32.370	ng	#	56
88) Benzo(b)fluoranthene	23.710	252	417528	45.041	ng		97
89) Benzo(k)fluoranthene	23.774	252	528996	59.317	ng		100
90) Benzo(a)pyrene	24.550	252	410749	50.860	ng		98
91) Dibenzo(a,h)anthracene	28.298	278	308546	33.890	ng	#	98
92) Benzo(g,h,i)perylene	29.338	276	226289m	25.011	ng		

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

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