Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012324\
Data File : BG060401.D
Acq On : 23 Jan 2024 13:08
Operator : MA/JU
Sample : PB158553BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 23 13:44:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 04:07:12 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB158553BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.928	152	201115	20.000	ng		0.00
21) Naphthalene-d8	10.731	136	1003586	20.000	ng		0.00
39) Acenaphthene-d10	14.568	164	798904	20.000	ng		0.00
64) Phenanthrene-d10	17.317	188	2103760	20.000	ng		0.00
76) Chrysene-d12	21.577	240	1875546	20.000	ng		0.00
86) Perylene-d12	24.744	264	1898119	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.508	112	1853185	151.560	ng		0.00
7) Phenol-d6	7.100	99	2284367	126.167	ng		0.00
23) Nitrobenzene-d5	9.092	82	1448314	68.145	ng		0.00
42) 2,4,6-Tribromophenol	16.060	330	1505718	128.101	ng		0.00
45) 2-Fluorobiphenyl	13.193	172	3888236	67.666	ng		0.00
79) Terphenyl-d14	19.932	244	5834703	75.111	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.404	88	203191	36.379	ng		98
3) Pyridine	3.798	79	511974	32.488	ng		93
4) n-Nitrosodimethylamine	3.716	42	215784	43.752	ng	#	97
6) Aniline	7.258	93	622095	34.374	ng		100
8) 2-Chlorophenol	7.493	128	570351	47.067	ng		96
9) Benzaldehyde	7.070	77	115047m	11.070	ng		
10) Phenol	7.123	94	844938	46.544	ng		98
11) bis(2-Chloroethyl)ether	7.347	93	585444	39.577	ng		94
12) 1,3-Dichlorobenzene	7.817	146	576301	37.889	ng		99
13) 1,4-Dichlorobenzene	7.963	146	574736	37.242	ng		99
14) 1,2-Dichlorobenzene	8.281	146	615002	38.755	ng		99
15) Benzyl Alcohol	8.169	79	553829	47.254	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.457	45	735144m	40.946	ng		
17) 2-Methylphenol	8.375	107	592874	47.549	ng		99
18) Hexachloroethane	9.009	117	212582	39.288	ng		93
19) n-Nitroso-di-n-propyla...	8.733	70	525450	41.931	ng		98
20) 3+4-Methylphenols	8.704	107	815465	48.506	ng		98
22) Acetophenone	8.751	105	998308	36.188	ng		98
24) Nitrobenzene	9.133	77	737075	33.454	ng		98
25) Isophorone	9.656	82	1627705	38.136	ng		99
26) 2-Nitrophenol	9.844	139	360953	44.558	ng		98
27) 2,4-Dimethylphenol	9.902	122	668185	62.423	ng		98
28) bis(2-Chloroethoxy)met...	10.137	93	994250	38.125	ng		99
29) 2,4-Dichlorophenol	10.384	162	790563	45.576	ng		99
30) 1,2,4-Trichlorobenzene	10.596	180	780282	36.158	ng		93
31) Naphthalene	10.784	128	2012450	38.255	ng		98
32) Benzoic acid	10.061	122	464805	48.922	ng		92
33) 4-Chloroaniline	10.889	127	493146	24.329	ng		96
34) Hexachlorobutadiene	11.066	225	486029	34.573	ng		95
35) Caprolactam	11.671	113	283243m	50.698	ng		
36) 4-Chloro-3-methylphenol	12.018	107	811283	46.039	ng		99
37) 2-Methylnaphthalene	12.394	142	1507082	38.627	ng		98
38) 1-Methylnaphthalene	12.611	142	1437132	36.681	ng		99
40) 1,2,4,5-Tetrachloroben...	12.758	216	1010016	35.597	ng		99
41) Hexachlorocyclopentadiene	12.734	237	903156	95.875	ng		99
43) 2,4,6-Trichlorophenol	12.999	196	747043	41.372	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	860387	43.201	ng		95
46) 1,1'-Biphenyl	13.398	154	2235958	37.078	ng		99
47) 2-Chloronaphthalene	13.445	162	1837306	35.564	ng		99
48) 2-Nitroaniline	13.651	65	589430	45.814	ng		94
49) Acenaphthylene	14.291	152	2887817	40.592	ng		99
50) Dimethylphthalate	14.021	163	2478865	40.603	ng		100
51) 2,6-Dinitrotoluene	14.144	165	577727	44.348	ng		96
52) Acenaphthene	14.632	154	1721526	38.862	ng		99
53) 3-Nitroaniline	14.474	138	407688	34.345	ng		95
54) 2,4-Dinitrophenol	14.685	184	728236	90.890	ng		96
55) Dibenzofuran	14.967	168	2932152	39.651	ng		97
56) 4-Nitrophenol	14.791	139	926540	105.234	ng		98
57) 2,4-Dinitrotoluene	14.932	165	829041	46.409	ng		96
58) Fluorene	15.619	166	2443496	39.901	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.196	232	819855	48.478	ng		99
60) Diethylphthalate	15.384	149	2479701	42.308	ng		99
61) 4-Chlorophenyl-phenyle...	15.607	204	1349607	40.006	ng		99
62) 4-Nitroaniline	15.643	138	574991	45.513	ng		99
63) Azobenzene	15.901	77	2335949	39.405	ng		97
65) 4,6-Dinitro-2-methylph...	15.696	198	546770	46.980	ng		98
66) n-Nitrosodiphenylamine	15.825	169	2296313	41.108	ng		100
67) 4-Bromophenyl-phenylether	16.501	248	924482	39.993	ng		95
68) Hexachlorobenzene	16.618	284	1045697	38.216	ng		98
69) Atrazine	16.777	200	1284568	60.986	ng		98
70) Pentachlorophenol	16.965	266	1445680	98.018	ng		94
71) Phenanthrene	17.358	178	4054450	39.872	ng		98
72) Anthracene	17.452	178	4044047	39.834	ng		99
73) Carbazole	17.723	167	3816655	39.877	ng		99
74) Di-n-butylphthalate	18.275	149	3950998	40.120	ng		98
75) Fluoranthene	19.374	202	4515199	36.969	ng		99
77) Benzidine	19.550	184	728160	17.870	ng		98
78) Pyrene	19.732	202	4663304	38.935	ng		99
80) Butylbenzylphthalate	20.619	149	1915281	46.480	ng		97
81) Benzo(a)anthracene	21.559	228	4659330	40.128	ng		99
82) 3,3'-Dichlorobenzidine	21.477	252	1623632	36.514	ng		99
83) Chrysene	21.624	228	4373881	38.302	ng		100
84) Bis(2-ethylhexyl)phtha...	21.459	149	2751844	44.194	ng		95
85) Di-n-octyl phthalate	22.652	149	4428250	43.885	ng		99
87) Indeno(1,2,3-cd)pyrene	28.357	276	5992458	45.405	ng	#	94
88) Benzo(b)fluoranthene	23.739	252	5093041	45.420	ng		100
89) Benzo(k)fluoranthene	23.804	252	4890685	44.198	ng		100
90) Benzo(a)pyrene	24.597	252	4513237	44.555	ng		99
91) Dibenzo(a,h)anthracene	28.422	278	5013868	46.518	ng		99
92) Benzo(g,h,i)perylene	29.497	276	4953236	44.839	ng		99

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

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