Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041024\
Data File : BG060849.D
Acq On : 10 Apr 2024 14:00
Operator : MA/JU
Sample : PB160074BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 10 14:33:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB160028BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.942	152	58076	20.000	ng		-0.02
21) Naphthalene-d8	10.745	136	239507	20.000	ng		-0.01
39) Acenaphthene-d10	14.576	164	194386	20.000	ng		-0.01
64) Phenanthrene-d10	17.325	188	460638	20.000	ng		-0.01
76) Chrysene-d12	21.591	240	432488	20.000	ng		-0.01
86) Perylene-d12	24.717	264	495602	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.527	112	461078	132.259	ng		0.00
7) Phenol-d6	7.114	99	650029	125.613	ng		0.00
23) Nitrobenzene-d5	9.100	82	419337	99.905	ng		-0.01
42) 2,4,6-Tribromophenol	16.068	330	369666	167.528	ng		0.00
45) 2-Fluorobiphenyl	13.207	172	1088391	82.174	ng		-0.01
79) Terphenyl-d14	19.952	244	2015397	82.055	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	42983	30.073	ng		94
3) Pyridine	3.835	79	124901	28.970	ng		88
4) n-Nitrosodimethylamine	3.753	42	99013	38.420	ng		97
6) Aniline	7.267	93	151599	23.199	ng		100
8) 2-Chlorophenol	7.513	128	177118	44.814	ng		98
9) Benzaldehyde	7.085	77	29053m	10.181	ng		
10) Phenol	7.137	94	239386	45.328	ng		99
11) bis(2-Chloroethyl)ether	7.367	93	160194	37.570	ng		97
12) 1,3-Dichlorobenzene	7.837	146	177078	43.084	ng		97
13) 1,4-Dichlorobenzene	7.983	146	182997	43.642	ng		95
14) 1,2-Dichlorobenzene	8.301	146	178196	43.364	ng		98
15) Benzyl Alcohol	8.177	79	176219	42.039	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.465	45	398424	41.405	ng		100
17) 2-Methylphenol	8.389	107	164756	41.324	ng		98
18) Hexachloroethane	9.029	117	65183	43.769	ng		88
19) n-Nitroso-di-n-propyla...	8.753	70	149808	37.962	ng	#	95
20) 3+4-Methylphenols	8.712	107	229455	42.028	ng		96
22) Acetophenone	8.765	105	283190	42.881	ng	#	96
24) Nitrobenzene	9.141	77	213449	45.819	ng		97
25) Isophorone	9.670	82	391753	40.522	ng		99
26) 2-Nitrophenol	9.852	139	92199	54.757	ng		91
27) 2,4-Dimethylphenol	9.916	122	140563	36.195	ng		97
28) bis(2-Chloroethoxy)met...	10.152	93	235533	41.267	ng		99
29) 2,4-Dichlorophenol	10.392	162	184173	51.645	ng		99
30) 1,2,4-Trichlorobenzene	10.610	180	192522	47.676	ng		97
31) Naphthalene	10.792	128	545974	42.141	ng		98
32) Benzoic acid	10.057	122	127016	48.993	ng		96
33) 4-Chloroaniline	10.898	127	89027	14.794	ng		96
34) Hexachlorobutadiene	11.086	225	129796	48.229	ng		98
35) Caprolactam	11.667	113	62673m	44.373	ng		
36) 4-Chloro-3-methylphenol	12.026	107	219239	48.125	ng		96
37) 2-Methylnaphthalene	12.402	142	392429	41.199	ng		99
38) 1-Methylnaphthalene	12.619	142	372528	41.400	ng		98
40) 1,2,4,5-Tetrachloroben...	12.772	216	257626	46.100	ng		99
41) Hexachlorocyclopentadiene	12.754	237	297064	104.542	ng		100
43) 2,4,6-Trichlorophenol	13.007	196	183349	50.953	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.077	196	204535	47.629	ng		98
46) 1,1'-Biphenyl	13.412	154	583017	42.462	ng		98
47) 2-Chloronaphthalene	13.454	162	457028	43.811	ng		99
48) 2-Nitroaniline	13.647	65	173349	50.747	ng		93
49) Acenaphthylene	14.300	152	779677	44.482	ng		99
50) Dimethylphthalate	14.041	163	641943	41.781	ng		99
51) 2,6-Dinitrotoluene	14.147	165	132790	48.251	ng		97
52) Acenaphthene	14.640	154	526368m	47.829	ng		
53) 3-Nitroaniline	14.476	138	83980	29.026	ng		99
54) 2,4-Dinitrophenol	14.681	184	158370	148.085	ng		89
55) Dibenzofuran	14.981	168	722979	41.649	ng		100
56) 4-Nitrophenol	14.793	139	233951	104.158	ng		97
57) 2,4-Dinitrotoluene	14.940	165	194829	53.723	ng		94
58) Fluorene	15.627	166	597560	42.891	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.204	232	194262	51.908	ng	#	96
60) Diethylphthalate	15.410	149	635221	41.094	ng		98
61) 4-Chlorophenyl-phenyle...	15.627	204	322631	43.773	ng		95
62) 4-Nitroaniline	15.645	138	139279	49.581	ng		95
63) Azobenzene	15.921	77	600156	39.843	ng		95
65) 4,6-Dinitro-2-methylph...	15.704	198	114360	58.376	ng		97
66) n-Nitrosodiphenylamine	15.839	169	566084	43.004	ng		97
67) 4-Bromophenyl-phenylether	16.520	248	227902	48.750	ng		97
68) Hexachlorobenzene	16.632	284	258781	49.036	ng		96
69) Atrazine	16.791	200	218390	47.443	ng		97
70) Pentachlorophenol	16.979	266	341814	99.265	ng		98
71) Phenanthrene	17.372	178	1028859	42.946	ng		99
72) Anthracene	17.461	178	1042601	42.853	ng		99
73) Carbazole	17.725	167	917031	42.750	ng		99
74) Di-n-butylphthalate	18.307	149	1069726	39.999	ng		99
75) Fluoranthene	19.382	202	1248217	42.938	ng		98
77) Benzidine	19.558	184	312596	27.449	ng		99
78) Pyrene	19.740	202	1290140	42.653	ng		99
80) Butylbenzylphthalate	20.645	149	465163	42.158	ng		99
81) Benzo(a)anthracene	21.568	228	1336662	43.845	ng		99
82) 3,3'-Dichlorobenzidine	21.485	252	310743	30.188	ng	#	96
83) Chrysene	21.632	228	1265475	43.067	ng		100
84) Bis(2-ethylhexyl)phtha...	21.509	149	683731	38.878	ng	#	95
85) Di-n-octyl phthalate	22.701	149	1177669	41.105	ng		99
87) Indeno(1,2,3-cd)pyrene	28.283	276	1623465	46.517	ng		98
88) Benzo(b)fluoranthene	23.736	252	1295947m	45.516	ng		
89) Benzo(k)fluoranthene	23.800	252	1315794	45.150	ng	#	98
90) Benzo(a)pyrene	24.576	252	1228228	44.389	ng		98
91) Dibenzo(a,h)anthracene	28.348	278	1325103	45.041	ng		95
92) Benzo(g,h,i)perylene	29.382	276	1235460	43.169	ng		97

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

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