Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121323\
Data File : BG059997.D
Acq On : 13 Dec 2023 15:22
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 14 01:42:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 01:32:11 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.959	152	71264	20.000	ng		0.00
21) Naphthalene-d8	10.761	136	263195	20.000	ng	#	0.00
39) Acenaphthene-d10	14.598	164	222030	20.000	ng		0.00
64) Phenanthrene-d10	17.342	188	663219	20.000	ng		0.00
76) Chrysene-d12	21.613	240	784943	20.000	ng		0.00
86) Perylene-d12	24.798	264	918266	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.520	112	361080	86.736	ng		0.00
7) Phenol-d6	7.112	99	568022	97.000	ng		0.00
23) Nitrobenzene-d5	9.122	82	580464	100.146	ng		0.00
42) 2,4,6-Tribromophenol	16.084	330	505134	97.623	ng		0.00
45) 2-Fluorobiphenyl	13.223	172	1725522	95.116	ng		0.00
79) Terphenyl-d14	19.968	244	3969739	92.333	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.434	88	91416	46.407	ng		95
3) Pyridine	3.828	79	267737m	48.589	ng		
4) n-Nitrosodimethylamine	3.746	42	120265	44.319	ng	#	90
6) Aniline	7.283	93	299831	50.269	ng		97
8) 2-Chlorophenol	7.518	128	187942	47.641	ng		92
9) Benzaldehyde	7.095	77	160216	44.997	ng		82
10) Phenol	7.136	94	289647	49.238	ng		99
11) bis(2-Chloroethyl)ether	7.377	93	198952	47.242	ng	#	78
12) 1,3-Dichlorobenzene	7.847	146	247934	46.998	ng		97
13) 1,4-Dichlorobenzene	7.994	146	253445	46.169	ng		96
14) 1,2-Dichlorobenzene	8.311	146	246812	46.733	ng		98
15) Benzyl Alcohol	8.194	79	230074	48.885	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.487	45	355615	47.194	ng		100
17) 2-Methylphenol	8.387	107	189500	48.317	ng		96
18) Hexachloroethane	9.040	117	77903	46.848	ng		97
19) n-Nitroso-di-n-propyla...	8.769	70	188500	49.893	ng	#	98
20) 3+4-Methylphenols	8.722	107	262338	47.888	ng		98
22) Acetophenone	8.775	105	374576	48.838	ng	#	98
24) Nitrobenzene	9.163	77	293128	49.813	ng		96
25) Isophorone	9.686	82	540095	48.686	ng		96
26) 2-Nitrophenol	9.868	139	108780	50.265	ng		92
27) 2,4-Dimethylphenol	9.927	122	141311	47.636	ng		93
28) bis(2-Chloroethoxy)met...	10.168	93	273440	47.740	ng		97
29) 2,4-Dichlorophenol	10.403	162	266596	50.038	ng		96
30) 1,2,4-Trichlorobenzene	10.620	180	350327	48.577	ng		99
31) Naphthalene	10.814	128	651689	47.564	ng		99
32) Benzoic acid	10.062	122	150811	55.880	ng		94
33) 4-Chloroaniline	10.914	127	254355	48.789	ng		99
34) Hexachlorobutadiene	11.102	225	317591	48.115	ng		90
35) Caprolactam	11.701	113	64956	47.993	ng		96
36) 4-Chloro-3-methylphenol	12.036	107	240318	49.595	ng		95
37) 2-Methylnaphthalene	12.418	142	530505	49.367	ng		98
38) 1-Methylnaphthalene	12.641	142	519935	48.981	ng		93
40) 1,2,4,5-Tetrachloroben...	12.788	216	557724	48.183	ng		100
41) Hexachlorocyclopentadiene	12.771	237	243448	50.904	ng		97
43) 2,4,6-Trichlorophenol	13.023	196	311561	48.006	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.094	196	352169	49.887	ng		97
46) 1,1'-Biphenyl	13.429	154	788021	47.857	ng		98
47) 2-Chloronaphthalene	13.470	162	681690	47.804	ng		97
48) 2-Nitroaniline	13.669	65	157053	51.020	ng	#	86
49) Acenaphthylene	14.316	152	942859	48.336	ng		99
50) Dimethylphthalate	14.051	163	828741	48.087	ng		99
51) 2,6-Dinitrotoluene	14.169	165	179908	50.393	ng		96
52) Acenaphthene	14.662	154	654720	48.759	ng		97
53) 3-Nitroaniline	14.498	138	142867	50.080	ng		95
54) 2,4-Dinitrophenol	14.698	184	141099	53.644	ng		95
55) Dibenzofuran	14.991	168	1064226	48.695	ng		99
56) 4-Nitrophenol	14.792	139	121897	50.841	ng		93
57) 2,4-Dinitrotoluene	14.950	165	251891	50.192	ng		99
58) Fluorene	15.644	166	876206	47.545	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.215	232	361302	49.168	ng		98
60) Diethylphthalate	15.414	149	763280	48.134	ng		96
61) 4-Chlorophenyl-phenyle...	15.638	204	646921	48.742	ng		97
62) 4-Nitroaniline	15.661	138	153992	49.572	ng		98
63) Azobenzene	15.932	77	753775	48.213	ng		97
65) 4,6-Dinitro-2-methylph...	15.714	198	215109	51.730	ng		92
66) n-Nitrosodiphenylamine	15.849	169	783510	48.358	ng		98
67) 4-Bromophenyl-phenylether	16.531	248	457181	48.857	ng		95
68) Hexachlorobenzene	16.642	284	532464	48.675	ng	#	96
69) Atrazine	16.795	200	251914	47.921	ng		98
70) Pentachlorophenol	16.989	266	358144	50.538	ng		98
71) Phenanthrene	17.389	178	1525281	47.480	ng		99
72) Anthracene	17.477	178	1541169	47.715	ng		98
73) Carbazole	17.747	167	1304221	47.517	ng		98
74) Di-n-butylphthalate	18.311	149	1208768	48.276	ng		99
75) Fluoranthene	19.398	202	2210237	47.149	ng		97
77) Benzidine	19.580	184	638607	63.339	ng		97
78) Pyrene	19.762	202	2248565	47.257	ng		98
80) Butylbenzylphthalate	20.655	149	426147	49.867	ng		94
81) Benzo(a)anthracene	21.595	228	2558026	48.515	ng		99
82) 3,3'-Dichlorobenzidine	21.513	252	868707	50.069	ng		99
83) Chrysene	21.666	228	2380929	47.663	ng		99
84) Bis(2-ethylhexyl)phtha...	21.513	149	648571	50.072	ng		99
85) Di-n-octyl phthalate	22.724	149	1108609	49.480	ng		100
87) Indeno(1,2,3-cd)pyrene	28.446	276	3125610	47.694	ng		100
88) Benzo(b)fluoranthene	23.793	252	2703463	47.670	ng		98
89) Benzo(k)fluoranthene	23.863	252	2598224	47.221	ng		99
90) Benzo(a)pyrene	24.657	252	2383768	47.443	ng		97
91) Dibenzo(a,h)anthracene	28.517	278	2616130	47.739	ng		98
92) Benzo(g,h,i)perylene	29.586	276	2595145	47.609	ng		99

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

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