Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122923\
Data File : BG060181.D
Acq On : 29 Dec 2023 15:18
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 30 03:07:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 02:56:50 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/01/2024
Supervised By :mohammad ahmed 01/01/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.942	152	204274	20.000	ng		0.00
21) Naphthalene-d8	10.745	136	880411	20.000	ng		0.00
39) Acenaphthene-d10	14.576	164	661538	20.000	ng		0.00
64) Phenanthrene-d10	17.325	188	1621158	20.000	ng		0.00
76) Chrysene-d12	21.591	240	1393273	20.000	ng		0.00
86) Perylene-d12	24.770	264	1545775	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1442980	106.619	ng		0.00
7) Phenol-d6	7.102	99	2267385	112.834	ng		0.00
23) Nitrobenzene-d5	9.106	82	1912109	100.317	ng		0.00
42) 2,4,6-Tribromophenol	16.068	330	918605	103.734	ng		0.00
45) 2-Fluorobiphenyl	13.201	172	4425283	96.141	ng		0.00
79) Terphenyl-d14	19.946	244	5582255	77.026	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.418	88	304441	50.560	ng		99
3) Pyridine	3.812	79	921137m	53.993	ng		
4) n-Nitrosodimethylamine	3.730	42	336779	53.026	ng		96
6) Aniline	7.267	93	1139881	56.616	ng		99
8) 2-Chlorophenol	7.508	128	719991	55.354	ng		99
9) Benzaldehyde	7.079	77	640202	53.099	ng		96
10) Phenol	7.131	94	1115149	55.031	ng		97
11) bis(2-Chloroethyl)ether	7.361	93	901895	55.001	ng		97
12) 1,3-Dichlorobenzene	7.831	146	774776	48.253	ng		96
13) 1,4-Dichlorobenzene	7.978	146	783513	48.267	ng		99
14) 1,2-Dichlorobenzene	8.295	146	788885	49.711	ng		99
15) Benzyl Alcohol	8.177	79	664090	53.402	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.471	45	1037526	49.301	ng		98
17) 2-Methylphenol	8.383	107	667712	52.623	ng		98
18) Hexachloroethane	9.023	117	259077	50.676	ng		97
19) n-Nitroso-di-n-propyla...	8.747	70	712265	51.885	ng		99
20) 3+4-Methylphenols	8.712	107	934453	51.962	ng		96
22) Acetophenone	8.759	105	1281436	49.126	ng	#	98
24) Nitrobenzene	9.147	77	1005259	51.547	ng		99
25) Isophorone	9.664	82	1986169	49.805	ng		99
26) 2-Nitrophenol	9.852	139	364407	53.548	ng		94
27) 2,4-Dimethylphenol	9.911	122	483361	50.144	ng		99
28) bis(2-Chloroethoxy)met...	10.151	93	1164327	49.849	ng		100
29) 2,4-Dichlorophenol	10.386	162	795497	52.216	ng		96
30) 1,2,4-Trichlorobenzene	10.604	180	912647	49.219	ng		98
31) Naphthalene	10.798	128	2271469	48.870	ng		99
32) Benzoic acid	10.063	122	418500m	48.632	ng		
33) 4-Chloroaniline	10.904	127	920816	50.727	ng		99
34) Hexachlorobutadiene	11.080	225	535353	48.544	ng		99
35) Caprolactam	11.685	113	259252	51.158	ng		88
36) 4-Chloro-3-methylphenol	12.026	107	811165	51.737	ng		99
37) 2-Methylnaphthalene	12.402	142	1690232	50.345	ng		96
38) 1-Methylnaphthalene	12.619	142	1718443	50.626	ng		95
40) 1,2,4,5-Tetrachloroben...	12.766	216	1052273	49.658	ng		99
41) Hexachlorocyclopentadiene	12.748	237	371259	54.204	ng		99
43) 2,4,6-Trichlorophenol	13.007	196	726735	52.189	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.083	196	826884	53.081	ng		98
46) 1,1'-Biphenyl	13.412	154	2436392	50.057	ng		99
47) 2-Chloronaphthalene	13.453	162	2091519	50.438	ng		98
48) 2-Nitroaniline	13.659	65	596369	55.031	ng		99
49) Acenaphthylene	14.300	152	3023488	50.604	ng		98
50) Dimethylphthalate	14.035	163	2554710	50.018	ng		98
51) 2,6-Dinitrotoluene	14.153	165	567143	53.385	ng		95
52) Acenaphthene	14.640	154	1873598	50.253	ng		97
53) 3-Nitroaniline	14.482	138	535000	53.445	ng	#	99
54) 2,4-Dinitrophenol	14.687	184	284617	49.506	ng		96
55) Dibenzofuran	14.975	168	3102920	49.684	ng		98
56) 4-Nitrophenol	14.787	139	419336	55.419	ng		97
57) 2,4-Dinitrotoluene	14.940	165	777410	53.816	ng		97
58) Fluorene	15.627	166	2565543	50.087	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	724407	53.353	ng		99
60) Diethylphthalate	15.398	149	2460578	50.517	ng		98
61) 4-Chlorophenyl-phenyle...	15.622	204	1337959	50.165	ng		99
62) 4-Nitroaniline	15.651	138	565464	53.581	ng		98
63) Azobenzene	15.909	77	2549296	50.483	ng		98
65) 4,6-Dinitro-2-methylph...	15.704	198	433449	53.434	ng		97
66) n-Nitrosodiphenylamine	15.833	169	2218673	50.788	ng		100
67) 4-Bromophenyl-phenylether	16.515	248	859483	50.006	ng		98
68) Hexachlorobenzene	16.632	284	1012260	50.231	ng		98
69) Atrazine	16.779	200	795178	49.526	ng		98
70) Pentachlorophenol	16.973	266	614134	55.651	ng		97
71) Phenanthrene	17.367	178	3818728	47.655	ng		97
72) Anthracene	17.461	178	3861489	48.514	ng		95
73) Carbazole	17.731	167	3610043	47.819	ng		97
74) Di-n-butylphthalate	18.289	149	3570890	48.810	ng		97
75) Fluoranthene	19.382	202	4353405	46.316	ng		94
77) Benzidine	19.564	184	2090080	54.202	ng		98
78) Pyrene	19.746	202	4492678	47.969	ng		94
80) Butylbenzylphthalate	20.633	149	1486517	53.828	ng		98
81) Benzo(a)anthracene	21.573	228	4350275	49.108	ng		96
82) 3,3'-Dichlorobenzidine	21.491	252	1669529	51.827	ng		96
83) Chrysene	21.638	228	4202511	48.831	ng		95
84) Bis(2-ethylhexyl)phtha...	21.479	149	2245089	53.608	ng		99
85) Di-n-octyl phthalate	22.678	149	3670750	53.546	ng		99
87) Indeno(1,2,3-cd)pyrene	28.395	276	5498675	50.455	ng		100
88) Benzo(b)fluoranthene	23.759	252	4638625	49.936	ng		99
89) Benzo(k)fluoranthene	23.830	252	4630430	49.526	ng		98
90) Benzo(a)pyrene	24.623	252	4212659	50.126	ng		99
91) Dibenzo(a,h)anthracene	28.459	278	4496726	50.218	ng		97
92) Benzo(g,h,i)perylene	29.529	276	4526887	49.911	ng		99

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

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