Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042423\
Data File : BG057157.D
Acq On : 24 Apr 2023 18:51
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 25 04:10:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 25 04:01:27 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.387	152	26256	20.000	ng		0.00
21) Naphthalene-d8	11.230	136	107082	20.000	ng		0.00
39) Acenaphthene-d10	15.001	164	75669	20.000	ng		0.00
64) Phenanthrene-d10	17.745	188	183017	20.000	ng		0.00
76) Chrysene-d12	22.062	240	164566	20.000	ng		0.00
86) Perylene-d12	25.581	264	168477	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.896	112	147080	101.514	ng		0.00
7) Phenol-d6	7.523	99	220398	105.136	ng		0.00
23) Nitrobenzene-d5	9.568	82	224431	103.613	ng		0.00
42) 2,4,6-Tribromophenol	16.488	330	87741	87.883	ng		0.00
45) 2-Fluorobiphenyl	13.627	172	526384	93.488	ng		0.00
79) Terphenyl-d14	20.312	244	878901	93.415	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.705	88	34417	53.011	ng		95
3) Pyridine	4.128	79	108424	55.041	ng		95
4) n-Nitrosodimethylamine	4.034	42	42220	59.416	ng		97
6) Aniline	7.699	93	142203	51.944	ng		97
8) 2-Chlorophenol	7.946	128	75823	49.956	ng		97
9) Benzaldehyde	7.511	77	61758	49.185	ng		94
10) Phenol	7.553	94	108895	52.315	ng		100
11) bis(2-Chloroethyl)ether	7.788	93	86257	52.807	ng		94
12) 1,3-Dichlorobenzene	8.275	146	84801	47.162	ng		95
13) 1,4-Dichlorobenzene	8.422	146	84642	46.711	ng		97
14) 1,2-Dichlorobenzene	8.751	146	83167	47.536	ng		97
15) Benzyl Alcohol	8.622	79	82359	53.318	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.904	45	109307m	50.538	ng		
17) 2-Methylphenol	8.822	107	78918	51.811	ng		98
18) Hexachloroethane	9.491	117	30561	49.715	ng		92
19) n-Nitroso-di-n-propyla...	9.192	70	77136	59.158	ng		96
20) 3+4-Methylphenols	9.150	107	105940	50.822	ng		98
22) Acetophenone	9.215	105	141911	48.853	ng	#	95
24) Nitrobenzene	9.609	77	116298	53.476	ng		99
25) Isophorone	10.131	82	218218	52.523	ng		98
26) 2-Nitrophenol	10.325	139	40081	49.331	ng		92
27) 2,4-Dimethylphenol	10.366	122	77521	49.643	ng		96
28) bis(2-Chloroethoxy)met...	10.601	93	112320	51.572	ng		99
29) 2,4-Dichlorophenol	10.866	162	81630	46.925	ng		99
30) 1,2,4-Trichlorobenzene	11.083	180	93545	43.976	ng		93
31) Naphthalene	11.277	128	269609	47.403	ng		99
32) Benzoic acid	10.507	122	34082	46.753	ng		98
33) 4-Chloroaniline	11.377	127	120111	48.031	ng		99
34) Hexachlorobutadiene	11.553	225	65606	41.826	ng		95
35) Caprolactam	12.146	113	24170	50.178	ng		92
36) 4-Chloro-3-methylphenol	12.470	107	92517	49.438	ng		96
37) 2-Methylnaphthalene	12.857	142	205482	45.910	ng		96
38) 1-Methylnaphthalene	13.075	142	194421	47.050	ng		98
40) 1,2,4,5-Tetrachloroben...	13.216	216	124137	44.834	ng		98
41) Hexachlorocyclopentadiene	13.192	237	52293	46.272	ng		98
43) 2,4,6-Trichlorophenol	13.445	196	73018	48.712	ng		99

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44) 2,4,5-Trichlorophenol	13.521	196	87383	48.287	ng		97
46) 1,1'-Biphenyl	13.838	154	271999	48.225	ng		99
47) 2-Chloronaphthalene	13.891	162	202728	47.623	ng		97
48) 2-Nitroaniline	14.085	65	54646	51.047	ng		94
49) Acenaphthylene	14.731	152	335602	49.662	ng		98
50) Dimethylphthalate	14.437	163	262372	49.405	ng		100
51) 2,6-Dinitrotoluene	14.567	165	58933	53.164	ng		98
52) Acenaphthene	15.066	154	215301m	48.766	ng		
53) 3-Nitroaniline	14.902	138	58740	53.363	ng		95
54) 2,4-Dinitrophenol	15.107	184	28005	47.432	ng		94
55) Dibenzofuran	15.395	168	338503	47.317	ng		98
56) 4-Nitrophenol	15.195	139	40416	52.163	ng		88
57) 2,4-Dinitrotoluene	15.354	165	78833	52.221	ng		98
58) Fluorene	16.041	166	271451	47.130	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.618	232	73377	47.337	ng		99
60) Diethylphthalate	15.783	149	254305	49.678	ng		98
61) 4-Chlorophenyl-phenyle...	16.024	204	156665	45.319	ng		97
62) 4-Nitroaniline	16.059	138	58488	52.768	ng		96
63) Azobenzene	16.317	77	297115	54.561	ng		99
65) 4,6-Dinitro-2-methylph...	16.118	198	45036	47.472	ng		99
66) n-Nitrosodiphenylamine	16.235	169	232964	48.784	ng		98
67) 4-Bromophenyl-phenylether	16.916	248	100634	45.723	ng		100
68) Hexachlorobenzene	17.046	284	98531	43.646	ng		96
69) Atrazine	17.169	200	75667	49.609	ng		98
70) Pentachlorophenol	17.392	266	52912	49.874	ng		97
71) Phenanthrene	17.786	178	443376	47.455	ng		99
72) Anthracene	17.874	178	451121	47.752	ng		99
73) Carbazole	18.138	167	390791	49.005	ng		98
74) Di-n-butylphthalate	18.661	149	382230	51.529	ng		100
75) Fluoranthene	19.777	202	547021	47.126	ng		99
77) Benzidine	19.936	184	119787	48.305	ng		99
78) Pyrene	20.136	202	552393	49.439	ng		100
80) Butylbenzylphthalate	20.987	149	146522	50.189	ng		96
81) Benzo(a)anthracene	22.039	228	542235	47.923	ng		99
82) 3,3'-Dichlorobenzidine	21.933	252	151536	51.170	ng		99
83) Chrysene	22.109	228	521585	47.801	ng		99
84) Bis(2-ethylhexyl)phtha...	21.886	149	224270	48.594	ng		97
85) Di-n-octyl phthalate	23.196	149	381587	51.700	ng		97
87) Indeno(1,2,3-cd)pyrene	29.658	276	578294	47.919	ng	#	91
88) Benzo(b)fluoranthene	24.459	252	518312	49.078	ng		98
89) Benzo(k)fluoranthene	24.530	252	532724	48.766	ng		98
90) Benzo(a)pyrene	25.417	252	508584	48.893	ng		99
91) Dibenzo(a,h)anthracene	29.723	278	479514	47.853	ng		97
92) Benzo(g,h,i)perylene	30.944	276	474155	47.824	ng		97

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

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