Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081823\
Data File : BG058776.D
Acq On : 18 Aug 2023 14:46
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 21 01:35:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 01:23:52 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.812	152	29772	20.000	ng		0.00
21) Naphthalene-d8	10.615	136	116474	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	80349	20.000	ng		0.00
64) Phenanthrene-d10	17.207	188	191705	20.000	ng		0.00
76) Chrysene-d12	21.455	240	159180	20.000	ng		0.00
86) Perylene-d12	24.522	264	203155	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.380	112	220268	119.061	ng		0.00
7) Phenol-d6	6.984	99	314506	121.167	ng		0.00
23) Nitrobenzene-d5	8.981	82	294385	121.515	ng		0.00
42) 2,4,6-Tribromophenol	15.955	330	151930	120.593	ng		0.00
45) 2-Fluorobiphenyl	13.082	172	636140	115.153	ng		0.00
79) Terphenyl-d14	19.827	244	1017886	114.820	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.270	88	51266	58.035	ng		92
3) Pyridine	3.670	79	143363	62.158	ng		96
4) n-Nitrosodimethylamine	3.588	42	74981	60.005	ng		99
6) Aniline	7.142	93	187781	59.181	ng		99
8) 2-Chlorophenol	7.377	128	110846	59.257	ng		97
9) Benzaldehyde	6.954	77	83247m	57.204	ng		
10) Phenol	7.013	94	151605	60.571	ng		96
11) bis(2-Chloroethyl)ether	7.236	93	115094	58.932	ng		97
12) 1,3-Dichlorobenzene	7.700	146	116921	58.845	ng		97
13) 1,4-Dichlorobenzene	7.847	146	118103	58.780	ng		96
14) 1,2-Dichlorobenzene	8.165	146	112054	57.701	ng		97
15) Benzyl Alcohol	8.053	79	116959	63.023	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.335	45	244714	58.795	ng		100
17) 2-Methylphenol	8.259	107	108886	59.231	ng		98
18) Hexachloroethane	8.887	117	44016	60.126	ng		95
19) n-Nitroso-di-n-propyla...	8.623	70	100419	59.850	ng		99
20) 3+4-Methylphenols	8.593	107	150822	61.024	ng		99
22) Acetophenone	8.635	105	191076	60.603	ng	#	99
24) Nitrobenzene	9.022	77	148407	61.592	ng		98
25) Isophorone	9.539	82	290746	60.349	ng		99
26) 2-Nitrophenol	9.727	139	64850	64.352	ng		99
27) 2,4-Dimethylphenol	9.792	122	101952	59.695	ng		99
28) bis(2-Chloroethoxy)met...	10.021	93	155807	61.054	ng		98
29) 2,4-Dichlorophenol	10.268	162	109322	62.176	ng		99
30) 1,2,4-Trichlorobenzene	10.479	180	126218	59.557	ng		97
31) Naphthalene	10.662	128	360868	59.008	ng		99
32) Benzoic acid	9.980	122	65535m	60.942	ng		
33) 4-Chloroaniline	10.779	127	161351	62.558	ng		98
34) Hexachlorobutadiene	10.944	225	86437	60.432	ng		98
35) Caprolactam	11.578	113	39903	63.451	ng		92
36) 4-Chloro-3-methylphenol	11.913	107	134806	61.767	ng		96
37) 2-Methylnaphthalene	12.277	142	259956	59.183	ng		99
38) 1-Methylnaphthalene	12.501	142	245278	58.827	ng		99
40) 1,2,4,5-Tetrachloroben...	12.648	216	147264	59.451	ng		99
41) Hexachlorocyclopentadiene	12.624	237	53391	57.565	ng		95
43) 2,4,6-Trichlorophenol	12.894	196	97899	62.113	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.971	196	116042	61.481	ng	97
46) 1,1'-Biphenyl	13.294	154	326532	58.993	ng	99
47) 2-Chloronaphthalene	13.335	162	256581	59.484	ng	100
48) 2-Nitroaniline	13.552	65	102866	62.791	ng	99
49) Acenaphthylene	14.181	152	417742	58.399	ng	99
50) Dimethylphthalate	13.923	163	362463	58.262	ng	99
51) 2,6-Dinitrotoluene	14.046	165	79923	61.150	ng	95
52) Acenaphthene	14.528	154	242604	58.037	ng	99
53) 3-Nitroaniline	14.381	138	80354	63.744	ng	94
54) 2,4-Dinitrophenol	14.592	184	42978	60.656	ng	97
55) Dibenzofuran	14.863	168	415917	57.680	ng	98
56) 4-Nitrophenol	14.698	139	54790	61.186	ng	97
57) 2,4-Dinitrotoluene	14.839	165	114451	62.783	ng	96
58) Fluorene	15.509	166	330491	57.591	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.092	232	95078	61.731	ng	97
60) Diethylphthalate	15.280	149	371552	57.926	ng	100
61) 4-Chlorophenyl-phenyle...	15.497	204	184914	58.136	ng	97
62) 4-Nitroaniline	15.550	138	82345	64.368	ng	98
63) Azobenzene	15.797	77	343445	58.312	ng	100
65) 4,6-Dinitro-2-methylph...	15.603	198	71358	65.853	ng	94
66) n-Nitrosodiphenylamine	15.720	169	294176	59.538	ng	99
67) 4-Bromophenyl-phenylether	16.396	248	127368	60.545	ng	98
68) Hexachlorobenzene	16.514	284	136268	60.186	ng	99
70) Pentachlorophenol	16.866	266	76656	64.568	ng	96
71) Phenanthrene	17.248	178	533518	57.971	ng	99
72) Anthracene	17.342	178	542920	58.819	ng	99
73) Carbazole	17.618	167	491263	58.120	ng	98
74) Di-n-butylphthalate	18.165	149	622456	58.376	ng	99
75) Fluoranthene	19.269	202	650221	56.972	ng	99
78) Pyrene	19.628	202	663943	59.862	ng	97
80) Butylbenzylphthalate	20.515	149	277726	61.741	ng	98
81) Benzo(a)anthracene	21.437	228	661677	59.716	ng	99
82) 3,3'-Dichlorobenzidine	21.355	252	229286	59.937	ng	100
83) Chrysene	21.502	228	637603	59.700	ng	99
84) Bis(2-ethylhexyl)phtha...	21.337	149	403760	61.200	ng	98
85) Di-n-octyl phthalate	22.483	149	704754	62.107	ng	99
87) Indeno(1,2,3-cd)pyrene	28.041	276	837717	60.948	ng	100
88) Benzo(b)fluoranthene	23.552	252	691402	61.338	ng	99
89) Benzo(k)fluoranthene	23.623	252	684605	58.891	ng	99
90) Benzo(a)pyrene	24.393	252	672609	60.601	ng	100
91) Dibenzo(a,h)anthracene	28.094	278	690649	61.185	ng	98
92) Benzo(g,h,i)perylene	29.140	276	688384	60.862	ng	98

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

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