Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081823\
Data File : BG058772.D
Acq On : 18 Aug 2023 12:02
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 21 01:28:31 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 :
SSTDICC010

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	7.809	152	26666	20.000	ng		0.00
21) Naphthalene-d8	10.612	136	109634	20.000	ng		0.00
39) Acenaphthene-d10	14.454	164	75918	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	186297	20.000	ng		0.00
76) Chrysene-d12	21.446	240	167544	20.000	ng		0.00
86) Perylene-d12	24.525	264	205642	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.383	112	35594	21.481	ng		0.00
7) Phenol-d6	6.981	99	48833	21.005	ng		0.00
23) Nitrobenzene-d5	8.973	82	45301	19.866	ng		0.00
42) 2,4,6-Tribromophenol	15.953	330	24276	20.393	ng		0.00
45) 2-Fluorobiphenyl	13.074	172	110531	21.176	ng		0.00
79) Terphenyl-d14	19.825	244	206647	22.147	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.273	88	8363m	10.570	ng		
3) Pyridine	3.673	79	21294m	10.308	ng		
4) n-Nitrosodimethylamine	3.591	42	11232	10.036	ng		95
6) Aniline	7.140	93	29314	10.315	ng		99
8) 2-Chlorophenol	7.375	128	17644	10.531	ng		98
9) Benzaldehyde	6.952	77	14672	11.256	ng		99
10) Phenol	7.004	94	23465	10.467	ng		95
11) bis(2-Chloroethyl)ether	7.234	93	18140	10.370	ng		96
12) 1,3-Dichlorobenzene	7.698	146	18526	10.410	ng		96
13) 1,4-Dichlorobenzene	7.845	146	19602	10.892	ng		94
14) 1,2-Dichlorobenzene	8.162	146	18759	10.785	ng		96
15) Benzyl Alcohol	8.050	79	16503	9.928	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.338	45	39501	10.596	ng		98
17) 2-Methylphenol	8.262	107	17092	10.381	ng		97
18) Hexachloroethane	8.885	117	6968	10.627	ng		91
19) n-Nitroso-di-n-propyla...	8.614	70	15832	10.535	ng		96
20) 3+4-Methylphenols	8.585	107	22110	9.988	ng		97
22) Acetophenone	8.638	105	31059	10.466	ng	#	98
24) Nitrobenzene	9.020	77	22523	9.931	ng		93
25) Isophorone	9.531	82	45504	10.034	ng		100
26) 2-Nitrophenol	9.731	139	9006	9.494	ng		93
27) 2,4-Dimethylphenol	9.795	122	16399	10.201	ng		98
28) bis(2-Chloroethoxy)met...	10.019	93	24254	10.097	ng		97
29) 2,4-Dichlorophenol	10.271	162	15956	9.641	ng		99
30) 1,2,4-Trichlorobenzene	10.477	180	20389	10.221	ng		95
31) Naphthalene	10.659	128	58598	10.180	ng		98
32) Benzoic acid	9.960	122	5990m	10.457	ng		
33) 4-Chloroaniline	10.788	127	23359	9.622	ng		98
34) Hexachlorobutadiene	10.941	225	13693	10.171	ng		96
35) Caprolactam	11.534	113	5902	9.971	ng	#	80
36) 4-Chloro-3-methylphenol	11.916	107	20036	9.753	ng		94
37) 2-Methylnaphthalene	12.275	142	42251	10.219	ng		98
38) 1-Methylnaphthalene	12.498	142	40432	10.302	ng		98
40) 1,2,4,5-Tetrachloroben...	12.645	216	23625	10.094	ng		98
41) Hexachlorocyclopentadiene	12.621	237	3299	11.991	ng		97
43) 2,4,6-Trichlorophenol	12.897	196	14227	9.553	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	17433	9.775	ng		97
46) 1,1'-Biphenyl	13.285	154	53722	10.272	ng		94
47) 2-Chloronaphthalene	13.332	162	41550	10.195	ng		98
48) 2-Nitroaniline	13.550	65	14454	9.338	ng		87
49) Acenaphthylene	14.178	152	68481	10.132	ng		98
50) Dimethylphthalate	13.914	163	60496	10.292	ng	#	98
51) 2,6-Dinitrotoluene	14.037	165	11992	9.711	ng		94
52) Acenaphthene	14.519	154	40690	10.302	ng		92
53) 3-Nitroaniline	14.378	138	11326	9.509	ng		98
54) 2,4-Dinitrophenol	14.613	184	2939m	10.777	ng		
55) Dibenzofuran	14.854	168	71715	10.526	ng		97
56) 4-Nitrophenol	14.725	139	4467m	9.526	ng		
57) 2,4-Dinitrotoluene	14.836	165	16816	9.763	ng	#	92
58) Fluorene	15.506	166	57087	10.529	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.089	232	13320	9.153	ng	#	98
60) Diethylphthalate	15.271	149	62415	10.299	ng		99
61) 4-Chlorophenyl-phenyle...	15.494	204	31441	10.462	ng		98
62) 4-Nitroaniline	15.541	138	11676m	9.660	ng		
63) Azobenzene	15.788	77	57321	10.300	ng		97
65) 4,6-Dinitro-2-methylph...	15.606	198	7947	7.547	ng		97
66) n-Nitrosodiphenylamine	15.712	169	48286	10.056	ng		96
67) 4-Bromophenyl-phenylether	16.393	248	20674	10.113	ng		99
68) Hexachlorobenzene	16.511	284	22318	10.143	ng		98
69) Atrazine	16.664	200	18880	11.111	ng		95
70) Pentachlorophenol	16.875	266	9077m	7.868	ng		
71) Phenanthrene	17.245	178	93818	10.490	ng		99
72) Anthracene	17.339	178	94487	10.534	ng		98
73) Carbazole	17.615	167	85391	10.396	ng		98
74) Di-n-butylphthalate	18.162	149	106248	10.254	ng		98
75) Fluoranthene	19.266	202	117626	10.606	ng		96
77) Benzidine	19.460	184	31522	10.498	ng		97
78) Pyrene	19.625	202	122440	10.488	ng		98
80) Butylbenzylphthalate	20.512	149	45267	9.561	ng		98
81) Benzo(a)anthracene	21.429	228	120264	10.312	ng		99
82) 3,3'-Dichlorobenzidine	21.358	252	40660	10.098	ng		99
83) Chrysene	21.493	228	113800	10.123	ng		100
84) Bis(2-ethylhexyl)phtha...	21.329	149	69497	10.008	ng		96
85) Di-n-octyl phthalate	22.480	149	116826	9.781	ng		99
87) Indeno(1,2,3-cd)pyrene	28.021	276	139725	10.043	ng	#	96
88) Benzo(b)fluoranthene	23.544	252	113697	9.965	ng		97
89) Benzo(k)fluoranthene	23.608	252	123559	10.500	ng		100
90) Benzo(a)pyrene	24.378	252	113354	10.089	ng		99
91) Dibenzo(a,h)anthracene	28.080	278	114633	10.033	ng		99
92) Benzo(g,h,i)perylene	29.120	276	112877	9.859	ng		95

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

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