Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103124\
Data File : BG063131.D
Acq On : 31 Oct 2024 13:30
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 01 04:53:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 01 04:41:50 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.849	152	89789	20.000	ng		0.00
21) Naphthalene-d8	10.634	136	360846	20.000	ng	#	0.00
39) Acenaphthene-d10	14.477	164	290744	20.000	ng		0.00
64) Phenanthrene-d10	17.226	188	754489	20.000	ng		0.00
76) Chrysene-d12	21.480	240	841662	20.000	ng		0.00
86) Perylene-d12	24.518	264	963367	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	112853	19.489	ng		0.00
7) Phenol-d6	7.015	99	159830	21.063	ng		0.00
23) Nitrobenzene-d5	8.995	82	166029	20.011	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	97569	19.756	ng		0.00
45) 2-Fluorobiphenyl	13.096	172	397885	20.269	ng		0.00
79) Terphenyl-d14	19.858	244	946066	23.131	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.360	88	23519	10.339	ng		92
3) Pyridine	3.748	79	58738	10.694	ng		87
4) n-Nitrosodimethylamine	3.666	42	35618	10.440	ng	#	93
6) Aniline	7.173	93	74056	10.852	ng	#	92
8) 2-Chlorophenol	7.408	128	55622	10.343	ng		96
9) Benzaldehyde	6.985	77	53377	11.320	ng	#	77
10) Phenol	7.044	94	84650	10.413	ng		97
11) bis(2-Chloroethyl)ether	7.267	93	56896	10.378	ng		88
12) 1,3-Dichlorobenzene	7.737	146	68637	10.508	ng		100
13) 1,4-Dichlorobenzene	7.878	146	69035	10.380	ng		92
14) 1,2-Dichlorobenzene	8.196	146	67809	10.577	ng		96
15) Benzyl Alcohol	8.078	79	56615	9.285	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.372	45	106362	10.695	ng		96
17) 2-Methylphenol	8.290	107	50374	9.741	ng		95
18) Hexachloroethane	8.918	117	25327	10.641	ng		91
19) n-Nitroso-di-n-propyla...	8.642	70	57317	10.846	ng		98
20) 3+4-Methylphenols	8.613	107	70965	10.262	ng		95
22) Acetophenone	8.660	105	100160	10.359	ng	#	98
24) Nitrobenzene	9.042	77	90687	10.109	ng	#	93
25) Isophorone	9.559	82	145228	10.120	ng		96
26) 2-Nitrophenol	9.758	139	32029	9.707	ng	#	85
27) 2,4-Dimethylphenol	9.811	122	41019	10.113	ng		95
28) bis(2-Chloroethoxy)met...	10.046	93	75326	10.010	ng		94
29) 2,4-Dichlorophenol	10.287	162	60370	9.854	ng		94
30) 1,2,4-Trichlorobenzene	10.499	180	72800	9.661	ng		95
31) Naphthalene	10.687	128	192167	10.095	ng		97
32) Benzoic acid	9.917	122	25334m	7.150	ng		
33) 4-Chloroaniline	10.793	127	62750	9.768	ng	#	89
34) Hexachlorobutadiene	10.969	225	60224	9.711	ng		94
35) Caprolactam	11.539	113	20699m	10.579	ng		
36) 4-Chloro-3-methylphenol	11.921	107	68858	9.756	ng	#	89
37) 2-Methylnaphthalene	12.297	142	140518	10.407	ng		91
38) 1-Methylnaphthalene	12.514	142	138478	10.419	ng		97
40) 1,2,4,5-Tetrachloroben...	12.667	216	103206	9.878	ng		97
41) Hexachlorocyclopentadiene	12.643	237	26682	7.860	ng		90
43) 2,4,6-Trichlorophenol	12.908	196	61097m	9.766	ng		

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.984	196	67525	9.818	ng		91
46)	1,1'-Biphenyl	13.313	154	197252	9.996	ng		97
47)	2-Chloronaphthalene	13.354	162	162021	9.804	ng		98
48)	2-Nitroaniline	13.554	65	56607	9.759	ng		94
49)	Acenaphthylene	14.200	152	241251	10.340	ng		98
50)	Dimethylphthalate	13.930	163	212675	10.263	ng		98
51)	2,6-Dinitrotoluene	14.053	165	45583	10.303	ng	#	90
52)	Acenaphthene	14.541	154	146141	10.118	ng		99
53)	3-Nitroaniline	14.383	138	45206	10.762	ng	#	94
54)	2,4-Dinitrophenol	14.600	184	18392	6.816	ng		85
55)	Dibenzofuran	14.876	168	256061	10.054	ng		95
56)	4-Nitrophenol	14.706	139	31283	9.837	ng	#	87
57)	2,4-Dinitrotoluene	14.847	165	63276	10.000	ng	#	93
58)	Fluorene	15.528	166	206200	10.217	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.111	232	67516	10.230	ng		98
60)	Diethylphthalate	15.299	149	223359	10.498	ng		98
61)	4-Chlorophenyl-phenyle...	15.522	204	127781	10.186	ng		96
62)	4-Nitroaniline	15.546	138	46318	9.995	ng	#	81
63)	Azobenzene	15.816	77	222034	10.089	ng		98
65)	4,6-Dinitro-2-methylph...	15.610	198	43947	9.060	ng		94
66)	n-Nitrosodiphenylamine	15.734	169	182337	9.687	ng		94
67)	4-Bromophenyl-phenylether	16.415	248	89382	9.667	ng		94
68)	Hexachlorobenzene	16.533	284	102895	9.606	ng	#	92
69)	Atrazine	16.686	200	77354	8.940	ng		97
70)	Pentachlorophenol	16.885	266	44895	8.424	ng		98
71)	Phenanthrene	17.267	178	369189	10.094	ng		97
72)	Anthracene	17.361	178	358597	9.989	ng		99
73)	Carbazole	17.632	167	338372	10.013	ng		98
74)	Di-n-butylphthalate	18.196	149	384698	10.026	ng		99
75)	Fluoranthene	19.289	202	520487	10.053	ng		98
77)	Benzidine	19.471	184	187631	14.469	ng		99
78)	Pyrene	19.653	202	542266	10.869	ng		99
80)	Butylbenzylphthalate	20.552	149	158932	9.887	ng		94
81)	Benzo(a)anthracene	21.462	228	537433	10.140	ng		96
82)	3,3'-Dichlorobenzidine	21.386	252	204564	10.410	ng		97
83)	Chrysene	21.527	228	515379	10.351	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.380	149	227572	9.759	ng		100
85)	Di-n-octyl phthalate	22.526	149	381622	9.781	ng		98
87)	Indeno(1,2,3-cd)pyrene	27.931	276	631090	9.760	ng	#	97
88)	Benzo(b)fluoranthene	23.560	252	559454	9.961	ng		95
89)	Benzo(k)fluoranthene	23.613	252	522236	9.746	ng		99
90)	Benzo(a)pyrene	24.371	252	495998	10.117	ng		98
91)	Dibenzo(a,h)anthracene	27.984	278	536750	9.945	ng	#	97
92)	Benzo(g,h,i)perylene	29.001	276	532054	9.973	ng		93

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

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