Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010824\
Data File : BG060286.D
Acq On : 8 Jan 2024 17:53
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 09 03:58:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 03:51:34 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2024
Supervised By :mohammad ahmed 01/10/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.934	152	243553	20.000	ng		0.00
21) Naphthalene-d8	10.731	136	1015693	20.000	ng		0.00
39) Acenaphthene-d10	14.568	164	665859	20.000	ng		0.00
64) Phenanthrene-d10	17.312	188	1622550	20.000	ng		0.00
76) Chrysene-d12	21.577	240	1586561	20.000	ng		0.00
86) Perylene-d12	24.738	264	1776120	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.502	112	635832	42.940	ng		0.00
7) Phenol-d6	7.094	99	833663	38.021	ng		0.00
23) Nitrobenzene-d5	9.092	82	765387	35.583	ng		0.00
42) 2,4,6-Tribromophenol	16.054	330	388650	39.671	ng		0.00
45) 2-Fluorobiphenyl	13.187	172	2273282	47.466	ng		0.00
79) Terphenyl-d14	19.932	244	3411130	45.117	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.416	88	147315	21.779	ng		97
3) Pyridine	3.810	79	398321	20.887	ng		95
4) n-Nitrosodimethylamine	3.728	42	127952	21.340	ng	#	100
6) Aniline	7.259	93	402053	18.345	ng		99
8) 2-Chlorophenol	7.494	128	275545	18.776	ng		96
9) Benzaldehyde	7.071	77	243592	19.385	ng		94
10) Phenol	7.118	94	417354	18.984	ng		97
11) bis(2-Chloroethyl)ether	7.353	93	336662	18.793	ng		95
12) 1,3-Dichlorobenzene	7.823	146	387477	21.036	ng		98
13) 1,4-Dichlorobenzene	7.970	146	385907	20.649	ng		97
14) 1,2-Dichlorobenzene	8.287	146	389371	20.261	ng		98
15) Benzyl Alcohol	8.164	79	280065	19.732	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.457	45	440366	20.254	ng		94
17) 2-Methylphenol	8.369	107	305291	20.218	ng		100
18) Hexachloroethane	9.010	117	116739	17.815	ng		96
19) n-Nitroso-di-n-propyla...	8.733	70	274836	18.111	ng		97
20) 3+4-Methylphenols	8.698	107	370386	18.193	ng		98
22) Acetophenone	8.751	105	508003	18.195	ng	#	99
24) Nitrobenzene	9.133	77	394831	17.707	ng		99
25) Isophorone	9.650	82	771978	17.871	ng		98
26) 2-Nitrophenol	9.844	139	140088	17.087	ng	#	90
27) 2,4-Dimethylphenol	9.903	122	187477	17.306	ng		98
28) bis(2-Chloroethoxy)met...	10.138	93	478673	18.136	ng		98
29) 2,4-Dichlorophenol	10.379	162	313387	17.851	ng		98
30) 1,2,4-Trichlorobenzene	10.596	180	392101	17.953	ng		93
31) Naphthalene	10.784	128	1060778	19.924	ng		98
32) Benzoic acid	10.008	122	109274m	19.144	ng		
33) 4-Chloroaniline	10.896	127	397719	19.387	ng		96
34) Hexachlorobutadiene	11.066	225	272500	19.153	ng		92
35) Caprolactam	11.648	113	108666	19.218	ng	#	86
36) 4-Chloro-3-methylphenol	12.012	107	351102	19.687	ng		100
37) 2-Methylnaphthalene	12.394	142	774951	19.625	ng		100
38) 1-Methylnaphthalene	12.611	142	790026	19.924	ng		94
40) 1,2,4,5-Tetrachloroben...	12.758	216	508582	21.506	ng		99
41) Hexachlorocyclopentadiene	12.735	237	165978	21.140	ng		99
43) 2,4,6-Trichlorophenol	12.999	196	324546	21.565	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.070	196	357389	21.530	ng		97
46) 1,1'-Biphenyl	13.399	154	1099189	21.869	ng		98
47) 2-Chloronaphthalene	13.446	162	928020	21.553	ng		98
48) 2-Nitroaniline	13.645	65	222822	20.779	ng		97
49) Acenaphthylene	14.292	152	1262080	21.285	ng		96
50) Dimethylphthalate	14.021	163	1138859	22.382	ng		97
51) 2,6-Dinitrotoluene	14.139	165	217624	20.043	ng		91
52) Acenaphthene	14.632	154	739358	20.025	ng		95
53) 3-Nitroaniline	14.474	138	196438	19.855	ng		99
54) 2,4-Dinitrophenol	14.674	184	82889	19.826	ng		96
55) Dibenzofuran	14.967	168	1294380	21.001	ng		97
56) 4-Nitrophenol	14.779	139	144280	19.661	ng		96
57) 2,4-Dinitrotoluene	14.926	165	304121	20.426	ng		97
58) Fluorene	15.614	166	1047554	20.524	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.191	232	279041	19.796	ng		98
60) Diethylphthalate	15.379	149	1016671	20.812	ng		97
61) 4-Chlorophenyl-phenyle...	15.608	204	557581	19.831	ng		98
62) 4-Nitroaniline	15.631	138	203906	19.386	ng		98
63) Azobenzene	15.901	77	1003232	20.305	ng		97
65) 4,6-Dinitro-2-methylph...	15.690	198	161124	17.950	ng		96
66) n-Nitrosodiphenylamine	15.819	169	885331	20.550	ng		99
67) 4-Bromophenyl-phenylether	16.501	248	354783	19.900	ng		98
68) Hexachlorobenzene	16.618	284	433528	20.543	ng		99
69) Atrazine	16.765	200	346946	21.357	ng		100
70) Pentachlorophenol	16.965	266	221094	19.459	ng		97
71) Phenanthrene	17.359	178	1717945	21.905	ng		94
72) Anthracene	17.447	178	1717958	21.940	ng		96
73) Carbazole	17.717	167	1609055	21.797	ng		94
74) Di-n-butylphthalate	18.275	149	1710748	22.524	ng	#	94
75) Fluoranthene	19.368	202	2183087	23.176	ng		90
77) Benzidine	19.556	184	698341	20.260	ng		97
78) Pyrene	19.732	202	2304022	22.741	ng	#	88
80) Butylbenzylphthalate	20.619	149	702615	20.157	ng		97
81) Benzo(a)anthracene	21.560	228	2131073	21.697	ng		92
82) 3,3'-Dichlorobenzidine	21.477	252	771662	20.515	ng		99
83) Chrysene	21.624	228	2108598	21.828	ng		91
84) Bis(2-ethylhexyl)phtha...	21.466	149	1101897	20.919	ng		99
85) Di-n-octyl phthalate	22.652	149	1789229	20.962	ng		98
87) Indeno(1,2,3-cd)pyrene	28.334	276	2469083	19.993	ng	#	94
88) Benzo(b)fluoranthene	23.733	252	2133874	20.337	ng		95
89) Benzo(k)fluoranthene	23.798	252	2233313	21.569	ng		95
90) Benzo(a)pyrene	24.585	252	1939099	20.458	ng		96
91) Dibenzo(a,h)anthracene	28.399	278	2016888	19.998	ng		99
92) Benzo(g,h,i)perylene	29.468	276	2061948	19.948	ng		98

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

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