Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120123\
Data File : BG059931.D
Acq On : 1 Dec 2023 23:55
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 02 02:27:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 02 02:20:10 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.969	152	31148	20.000	ng		0.00
21) Naphthalene-d8	10.771	136	116447	20.000	ng	#	0.00
39) Acenaphthene-d10	14.601	164	133595	20.000	ng		0.00
64) Phenanthrene-d10	17.350	188	470548	20.000	ng		0.00
76) Chrysene-d12	21.627	240	771985	20.000	ng	#	0.00
86) Perylene-d12	24.816	264	863435	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.531	112	206027	107.077	ng		0.00
7) Phenol-d6	7.123	99	324346	116.711	ng		0.00
23) Nitrobenzene-d5	9.132	82	555610	254.165	ng		0.00
42) 2,4,6-Tribromophenol	16.093	330	876034	353.121	ng		0.00
45) 2-Fluorobiphenyl	13.232	172	2257780	221.965	ng		0.00
79) Terphenyl-d14	19.976	244	5606726	120.584	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.440	88	33008m	55.286	ng		
3) Pyridine	3.833	79	99231m	62.522	ng		
4) n-Nitrosodimethylamine	3.751	42	87768	91.905	ng	#	76
6) Aniline	7.293	93	159899	54.097	ng	#	86
8) 2-Chlorophenol	7.528	128	117255	55.111	ng		96
9) Benzaldehyde	7.099	77	110021	59.567	ng		95
10) Phenol	7.146	94	154067	53.844	ng		81
11) bis(2-Chloroethyl)ether	7.387	93	96596	44.354	ng		100
12) 1,3-Dichlorobenzene	7.851	146	176197	71.838	ng		90
13) 1,4-Dichlorobenzene	7.998	146	171407	67.625	ng		96
14) 1,2-Dichlorobenzene	8.321	146	177261	71.917	ng		93
15) Benzyl Alcohol	8.204	79	210865	93.142	ng	#	91
16) 2,2'-oxybis(1-Chloropr...	8.497	45	32114	8.410	ng	#	81
17) 2-Methylphenol	8.403	107	118493	59.709	ng		93
18) Hexachloroethane	9.055	117	82913	88.911	ng		99
19) n-Nitroso-di-n-propyla...	8.779	70	130586	65.938	ng	#	87
20) 3+4-Methylphenols	8.738	107	169569	60.052	ng		86
22) Acetophenone	8.791	105	301297	91.749	ng	#	87
24) Nitrobenzene	9.173	77	270028	116.586	ng	#	97
25) Isophorone	9.696	82	413195	85.449	ng		97
26) 2-Nitrophenol	9.878	139	80825	106.960	ng		93
27) 2,4-Dimethylphenol	9.937	122	94599	69.370	ng	#	70
28) bis(2-Chloroethoxy)met...	10.177	93	168767	64.578	ng	#	97
29) 2,4-Dichlorophenol	10.412	162	251036	122.771	ng		88
30) 1,2,4-Trichlorobenzene	10.630	180	393912	153.885	ng		92
31) Naphthalene	10.824	128	479935	74.755	ng		98
32) Benzoic acid	10.107	122	101277	84.061	ng		96
33) 4-Chloroaniline	10.929	127	170228	66.450	ng		93
34) Hexachlorobutadiene	11.112	225	488280	233.437	ng		94
35) Caprolactam	11.734	113	41189m	63.133	ng		
36) 4-Chloro-3-methylphenol	12.046	107	226790	97.626	ng		94
37) 2-Methylnaphthalene	12.433	142	474601	99.728	ng		97
38) 1-Methylnaphthalene	12.651	142	453178	93.962	ng		97
40) 1,2,4,5-Tetrachloroben...	12.792	216	832874	167.539	ng		99
41) Hexachlorocyclopentadiene	12.780	237	399210	195.389	ng		92
43) 2,4,6-Trichlorophenol	13.032	196	420092	137.674	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.103	196	456415	132.561	ng		96
46) 1,1'-Biphenyl	13.438	154	795751	79.748	ng		100
47) 2-Chloronaphthalene	13.479	162	724880	86.476	ng		94
48) 2-Nitroaniline	13.679	65	145246	69.461	ng		93
49) Acenaphthylene	14.325	152	883449	70.701	ng		96
50) Dimethylphthalate	14.066	163	969899	88.950	ng		99
51) 2,6-Dinitrotoluene	14.178	165	194758	101.560	ng		90
52) Acenaphthene	14.671	154	710441m	88.855	ng		
53) 3-Nitroaniline	14.507	138	104238	58.396	ng		90
54) 2,4-Dinitrophenol	14.707	184	174332	178.113	ng		97
55) Dibenzofuran	15.006	168	1204971	94.685	ng		96
56) 4-Nitrophenol	14.807	139	84328	58.355	ng	#	80
57) 2,4-Dinitrotoluene	14.965	165	296344	114.283	ng	#	97
58) Fluorene	15.652	166	1108139	106.084	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.224	232	554980	165.180	ng		97
60) Diethylphthalate	15.429	149	813870	76.015	ng		96
61) 4-Chlorophenyl-phenyle...	15.647	204	979124	156.045	ng		96
62) 4-Nitroaniline	15.676	138	129093	66.693	ng	#	78
63) Azobenzene	15.940	77	827095	81.332	ng		95
65) 4,6-Dinitro-2-methylph...	15.729	198	295115	142.605	ng		98
66) n-Nitrosodiphenylamine	15.864	169	835238	67.622	ng		97
67) 4-Bromophenyl-phenylether	16.539	248	764029	123.969	ng		98
68) Hexachlorobenzene	16.651	284	880971	121.496	ng		99
69) Atrazine	16.810	200	400173	83.854	ng		99
70) Pentachlorophenol	16.998	266	597371	139.373	ng		97
71) Phenanthrene	17.397	178	1757902	74.391	ng		98
72) Anthracene	17.485	178	1782239	74.783	ng		96
73) Carbazole	17.755	167	1341555	62.268	ng		99
74) Di-n-butylphthalate	18.325	149	1119238	44.545	ng		99
75) Fluoranthene	19.406	202	2982767	93.944	ng		97
77) Benzidine	19.588	184	575223	42.918	ng		98
78) Pyrene	19.770	202	3033757	57.104	ng		94
80) Butylbenzylphthalate	20.669	149	397859	22.923	ng		95
81) Benzo(a)anthracene	21.603	228	3831280	71.662	ng		96
82) 3,3'-Dichlorobenzidine	21.521	252	1237849	71.644	ng	#	94
83) Chrysene	21.674	228	3591914	70.922	ng		96
84) Bis(2-ethylhexyl)phtha...	21.527	149	590960	22.957	ng		95
85) Di-n-octyl phthalate	22.743	149	1019918	23.088	ng	#	98
87) Indeno(1,2,3-cd)pyrene	28.476	276	4911293	76.184	ng	#	93
88) Benzo(b)fluoranthene	23.806	252	4190708	77.105	ng		97
89) Benzo(k)fluoranthene	23.882	252	4106128	77.670	ng	#	99
90) Benzo(a)pyrene	24.676	252	3630377	75.870	ng		99
91) Dibenzo(a,h)anthracene	28.553	278	4221505	78.032	ng	#	99
92) Benzo(g,h,i)perylene	29.628	276	3893983	73.056	ng	#	99

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

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