Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122623\
Data File : BG060167.D
Acq On : 26 Dec 2023 12:32
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 27 00:31:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 27 00:26:26 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/27/2023
Supervised By :Sohil Jodhani 12/28/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.941	152	194643	20.000	ng		0.00
21) Naphthalene-d8	10.744	136	883259	20.000	ng		0.00
39) Acenaphthene-d10	14.574	164	746181	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	1905202	20.000	ng		0.00
76) Chrysene-d12	21.584	240	1701712	20.000	ng		0.00
86) Perylene-d12	24.757	264	1912294	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.509	112	234732	19.304	ng		0.00
7) Phenol-d6	7.101	99	361980	18.857	ng		0.00
23) Nitrobenzene-d5	9.098	82	361181	19.329	ng		0.00
42) 2,4,6-Tribromophenol	16.061	330	201577	20.130	ng		0.00
45) 2-Fluorobiphenyl	13.200	172	1082226	22.748	ng		0.00
79) Terphenyl-d14	19.939	244	1980647	20.142	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.417	88	56651	11.064	ng		98
3) Pyridine	3.811	79	152444	10.050	ng		97
4) n-Nitrosodimethylamine	3.734	42	58512	9.744	ng	#	79
6) Aniline	7.265	93	183391	9.280	ng		98
8) 2-Chlorophenol	7.500	128	121857	9.468	ng		93
9) Benzaldehyde	7.077	77	122622	11.279	ng		96
10) Phenol	7.124	94	182502	9.235	ng		95
11) bis(2-Chloroethyl)ether	7.359	93	149663	9.577	ng		98
12) 1,3-Dichlorobenzene	7.824	146	155596	10.312	ng		97
13) 1,4-Dichlorobenzene	7.976	146	148974	9.650	ng		97
14) 1,2-Dichlorobenzene	8.294	146	154673	9.960	ng		96
15) Benzyl Alcohol	8.176	79	121020	8.964	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.470	45	220807	9.860	ng		98
17) 2-Methylphenol	8.376	107	125971	9.405	ng		92
18) Hexachloroethane	9.022	117	51015	9.640	ng		94
19) n-Nitroso-di-n-propyla...	8.740	70	138191	9.561	ng		96
20) 3+4-Methylphenols	8.705	107	176175	9.401	ng		97
22) Acetophenone	8.758	105	256152	10.057	ng	#	98
24) Nitrobenzene	9.146	77	186334	9.542	ng	#	97
25) Isophorone	9.657	82	404036	10.144	ng		97
26) 2-Nitrophenol	9.856	139	68830	8.985	ng		97
27) 2,4-Dimethylphenol	9.909	122	88174	9.190	ng		100
28) bis(2-Chloroethoxy)met...	10.144	93	237569	10.062	ng		97
29) 2,4-Dichlorophenol	10.385	162	145934	9.389	ng		95
30) 1,2,4-Trichlorobenzene	10.603	180	170200	9.605	ng		98
31) Naphthalene	10.797	128	459889	10.066	ng		97
32) Benzoic acid	10.003	122	53663m	10.728	ng		
33) 4-Chloroaniline	10.902	127	177120	9.541	ng		96
34) Hexachlorobutadiene	11.073	225	103393	9.799	ng		92
35) Caprolactam	11.643	113	57045m	10.196	ng		
36) 4-Chloro-3-methylphenol	12.019	107	165396	9.820	ng		94
37) 2-Methylnaphthalene	12.400	142	354206	10.105	ng		98
38) 1-Methylnaphthalene	12.618	142	358233	10.172	ng		99
40) 1,2,4,5-Tetrachloroben...	12.765	216	207609	9.225	ng		99
41) Hexachlorocyclopentadiene	12.747	237	59602	8.044	ng		91
43) 2,4,6-Trichlorophenol	13.006	196	145195	9.453	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	154013	8.951	ng		99
46) 1,1'-Biphenyl	13.411	154	531310	10.013	ng		96
47) 2-Chloronaphthalene	13.452	162	441755	9.774	ng		96
48) 2-Nitroaniline	13.652	65	120783	8.958	ng		98
49) Acenaphthylene	14.298	152	663969	10.259	ng		96
50) Dimethylphthalate	14.022	163	594626	10.606	ng	#	97
51) 2,6-Dinitrotoluene	14.146	165	117207	9.203	ng		93
52) Acenaphthene	14.639	154	412463	10.026	ng		98
53) 3-Nitroaniline	14.480	138	105766	9.139	ng	#	98
54) 2,4-Dinitrophenol	14.680	184	41558	6.429	ng	#	87
55) Dibenzofuran	14.974	168	716667	10.645	ng		93
56) 4-Nitrophenol	14.780	139	83809	9.330	ng		97
57) 2,4-Dinitrotoluene	14.933	165	163596	9.342	ng		93
58) Fluorene	15.620	166	606101	10.681	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.197	232	147676	9.933	ng		99
60) Diethylphthalate	15.385	149	594981	10.626	ng		96
61) 4-Chlorophenyl-phenyle...	15.614	204	304261	10.295	ng		100
62) 4-Nitroaniline	15.638	138	125891m	9.885	ng		
63) Azobenzene	15.908	77	598269	10.516	ng		97
65) 4,6-Dinitro-2-methylph...	15.697	198	85502	8.079	ng		88
66) n-Nitrosodiphenylamine	15.826	169	510888	9.858	ng		96
67) 4-Bromophenyl-phenylether	16.513	248	194172	9.595	ng		93
68) Hexachlorobenzene	16.625	284	226984	9.591	ng		100
69) Atrazine	16.772	200	176993	11.423	ng		98
70) Pentachlorophenol	16.966	266	114363	8.854	ng		90
71) Phenanthrene	17.365	178	1006748	11.141	ng	#	90
72) Anthracene	17.453	178	995566	11.022	ng	#	91
73) Carbazole	17.724	167	955183	11.018	ng	#	93
74) Di-n-butylphthalate	18.282	149	1057275	11.563	ng	#	93
75) Fluoranthene	19.375	202	1231101	11.248	ng		89
77) Benzidine	19.563	184	252300	8.484	ng		96
78) Pyrene	19.739	202	1301930	11.807	ng	#	86
80) Butylbenzylphthalate	20.632	149	401299	9.543	ng		93
81) Benzo(a)anthracene	21.566	228	1151842m	11.000	ng		
82) 3,3'-Dichlorobenzidine	21.484	252	366561	9.936	ng		99
83) Chrysene	21.631	228	1121201	11.176	ng		91
84) Bis(2-ethylhexyl)phtha...	21.472	149	635774	10.111	ng		94
85) Di-n-octyl phthalate	22.671	149	1088896	10.581	ng		99
87) Indeno(1,2,3-cd)pyrene	28.358	276	1278049	9.432	ng		99
88) Benzo(b)fluoranthene	23.746	252	1149819	10.126	ng		98
89) Benzo(k)fluoranthene	23.811	252	1191916	10.610	ng		96
90) Benzo(a)pyrene	24.604	252	1033571	10.009	ng	#	97
91) Dibenzo(a,h)anthracene	28.429	278	1053799	9.514	ng		97
92) Benzo(g,h,i)perylene	29.486	276	1062227	9.443	ng		97

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

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