Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120423\
Data File : BG059936.D
Acq On : 4 Dec 2023 18:04
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 05 01:44:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 05 01:36:25 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
12/05/2023
Supervised By :mohammad ahmed
12/06/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.958	152	50630	20.000	ng	#	0.00
21) Naphthalene-d8	10.766	136	175805	20.000	ng	#	0.00
39) Acenaphthene-d10	14.597	164	184392	20.000	ng		0.00
64) Phenanthrene-d10	17.347	188	668523	20.000	ng		0.00
76) Chrysene-d12	21.618	240	982645	20.000	ng		0.00
86) Perylene-d12	24.814	264	1132430	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.519	112	24161	10.591	ng		0.00
7) Phenol-d6	7.106	99	37670	10.769	ng		0.00
23) Nitrobenzene-d5	9.115	82	49508	9.751	ng		0.00
42) 2,4,6-Tribromophenol	16.078	330	55940	8.493	ng		0.00
45) 2-Fluorobiphenyl	13.216	172	163781	9.180	ng		0.00
79) Terphenyl-d14	19.967	244	648118	11.337	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.440	88	4650m	6.090	ng		
3) Pyridine	3.833	79	15474	6.993	ng	#	69
4) n-Nitrosodimethylamine	3.745	42	7103	4.582	ng	#	59
6) Aniline	7.282	93	20431	5.438	ng		92
8) 2-Chlorophenol	7.523	128	11154	4.859	ng		95
9) Benzaldehyde	7.094	77	14826	5.565	ng	#	75
10) Phenol	7.129	94	18959	5.419	ng		83
11) bis(2-Chloroethyl)ether	7.376	93	13329	6.077	ng	#	67
12) 1,3-Dichlorobenzene	7.852	146	16189	4.468	ng		97
13) 1,4-Dichlorobenzene	7.987	146	18332	4.987	ng		88
14) 1,2-Dichlorobenzene	8.310	146	17871	4.783	ng		95
15) Benzyl Alcohol	8.187	79	17676	4.377	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.492	45	7066	8.572	ng		88
17) 2-Methylphenol	8.393	107	13515	5.396	ng	#	66
18) Hexachloroethane	9.039	117	6817	4.338	ng	#	62
19) n-Nitroso-di-n-propyla...	8.763	70	13099	4.626	ng		95
20) 3+4-Methylphenols	8.716	107	17940	4.974	ng		85
22) Acetophenone	8.780	105	27589	4.884	ng	#	91
24) Nitrobenzene	9.162	77	23742	4.810	ng	#	88
25) Isophorone	9.685	82	43317	5.596	ng	#	88
26) 2-Nitrophenol	9.879	139	7245	4.613	ng		90
27) 2,4-Dimethylphenol	9.932	122	9709	5.110	ng	#	63
28) bis(2-Chloroethoxy)met...	10.167	93	22760	7.057	ng	#	84
29) 2,4-Dichlorophenol	10.402	162	20097	4.423	ng	#	69
30) 1,2,4-Trichlorobenzene	10.631	180	29727	4.316	ng		98
31) Naphthalene	10.813	128	45203	5.106	ng	#	96
33) 4-Chloroaniline	10.919	127	18447	5.555	ng	#	90
34) Hexachlorobutadiene	11.101	225	35589	4.377	ng	#	85
35) Caprolactam	11.659	113	4746m	5.827	ng		
36) 4-Chloro-3-methylphenol	12.029	107	18061	4.554	ng		92
37) 2-Methylnaphthalene	12.417	142	41615	4.925	ng		85
38) 1-Methylnaphthalene	12.640	142	37993	4.671	ng		98
40) 1,2,4,5-Tetrachloroben...	12.787	216	62272	4.753	ng	#	97
41) Hexachlorocyclopentadiene	12.770	237	34619	5.363	ng		84
43) 2,4,6-Trichlorophenol	13.022	196	33733	4.970	ng		94
44) 2,4,5-Trichlorophenol	13.087	196	33895	4.462	ng		84

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.434	154	65419	4.956	ng		97
47)	2-Chloronaphthalene	13.475	162	62362	5.287	ng	#	90
48)	2-Nitroaniline	13.663	65	9849	4.199	ng		94
49)	Acenaphthylene	14.315	152	79165	5.181	ng	#	92
50)	Dimethylphthalate	14.051	163	73966	4.653	ng		98
51)	2,6-Dinitrotoluene	14.162	165	15500	4.564	ng		92
52)	Acenaphthene	14.656	154	55506	4.846	ng		95
53)	3-Nitroaniline	14.497	138	10919	5.373	ng	#	61
54)	2,4-Dinitrophenol	14.691	184	13296	4.662	ng		88
55)	Dibenzofuran	14.997	168	98420	4.883	ng		93
56)	4-Nitrophenol	14.779	139	9926	6.233	ng	#	68
57)	2,4-Dinitrotoluene	14.944	165	21961	4.357	ng	#	93
58)	Fluorene	15.643	166	81811	4.611	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.214	232	43565	4.786	ng	#	98
60)	Diethylphthalate	15.414	149	70568	5.197	ng		98
61)	4-Chlorophenyl-phenyle...	15.643	204	76546	4.868	ng		96
62)	4-Nitroaniline	15.649	138	14026	6.026	ng	#	64
63)	Azobenzene	15.931	77	74264	5.350	ng		89
65)	4,6-Dinitro-2-methylph...	15.713	198	27127	5.313	ng		89
66)	n-Nitrosodiphenylamine	15.849	169	75247	5.183	ng		97
67)	4-Bromophenyl-phenylether	16.536	248	53802	4.217	ng	#	90
68)	Hexachlorobenzene	16.648	284	61904	4.369	ng		98
69)	Atrazine	16.794	200	46204	5.932	ng		98
70)	Pentachlorophenol	16.988	266	47854	4.992	ng		94
71)	Phenanthrene	17.388	178	161183	5.143	ng		99
72)	Anthracene	17.482	178	167230	5.240	ng		95
73)	Carbazole	17.746	167	129352	5.509	ng		98
74)	Di-n-butylphthalate	18.316	149	110727	5.655	ng		98
75)	Fluoranthene	19.403	202	288001	5.409	ng		90
77)	Benzidine	19.585	184	44338	4.401	ng	#	90
78)	Pyrene	19.762	202	293873	5.533	ng		96
80)	Butylbenzylphthalate	20.666	149	38400	5.368	ng		92
81)	Benzo(a)anthracene	21.601	228	357088m	5.482	ng		
82)	3,3'-Dichlorobenzidine	21.512	252	112189	5.272	ng	#	93
83)	Chrysene	21.665	228	338182	5.484	ng		95
84)	Bis(2-ethylhexyl)phtha...	21.524	149	58456	5.602	ng	#	85
85)	Di-n-octyl phthalate	22.735	149	97393	5.238	ng	#	99
87)	Indeno(1,2,3-cd)pyrene	28.445	276	412246	4.921	ng	#	50
88)	Benzo(b)fluoranthene	23.798	252	355331	4.910	ng		95
89)	Benzo(k)fluoranthene	23.863	252	352277m	5.044	ng		
90)	Benzo(a)pyrene	24.656	252	310503	5.013	ng	#	99
91)	Dibenzo(a,h)anthracene	28.522	278	355379	4.969	ng		97
92)	Benzo(g,h,i)perylene	29.585	276	343961m	5.094	ng		

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

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