Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122623\
Data File : BG060172.D
Acq On : 26 Dec 2023 15:55
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 27 00:41:02 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 00:40:33 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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	7.942	152	267628	20.000	ng		0.00
21) Naphthalene-d8	10.744	136	1189978	20.000	ng		0.00
39) Acenaphthene-d10	14.581	164	899549	20.000	ng		0.00
64) Phenanthrene-d10	17.325	188	2029797	20.000	ng		0.00
76) Chrysene-d12	21.591	240	1782378	20.000	ng		0.00
86) Perylene-d12	24.763	264	1972923	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.509	112	2596323	155.292	ng		0.00
7) Phenol-d6	7.113	99	4051039	153.486	ng		0.01
23) Nitrobenzene-d5	9.111	82	3918541	155.651	ng		0.01
42) 2,4,6-Tribromophenol	16.074	330	1792358	148.476	ng		0.00
45) 2-Fluorobiphenyl	13.206	172	6858467	119.585	ng		0.00
79) Terphenyl-d14	0.000	244	0d	0.000	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.418	88	496562	70.529	ng		99
3) Pyridine	3.811	79	1558282m	74.715	ng		
4) n-Nitrosodimethylamine	3.729	42	625471	75.752	ng		88
6) Aniline	7.272	93	2098698	77.234	ng		98
8) 2-Chlorophenol	7.507	128	1380543	78.011	ng		98
9) Benzaldehyde	7.078	77	892357m	59.697	ng		
10) Phenol	7.137	94	2136443	78.624	ng		99
11) bis(2-Chloroethyl)ether	7.366	93	1666243	77.550	ng		98
12) 1,3-Dichlorobenzene	7.830	146	1573732	75.852	ng		98
13) 1,4-Dichlorobenzene	7.977	146	1598522	75.311	ng		95
14) 1,2-Dichlorobenzene	8.294	146	1605659	75.196	ng		97
15) Benzyl Alcohol	8.183	79	1471685	79.278	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.471	45	2292252	74.445	ng		97
17) 2-Methylphenol	8.383	107	1439127	78.143	ng		98
18) Hexachloroethane	9.023	117	547923	75.302	ng		95
19) n-Nitroso-di-n-propyla...	8.753	70	1523489	76.659	ng		98
20) 3+4-Methylphenols	8.717	107	2022678	78.502	ng		99
22) Acetophenone	8.764	105	2637972	76.877	ng	#	96
24) Nitrobenzene	9.152	77	2111696	80.268	ng		97
25) Isophorone	9.675	82	3935439	73.339	ng	#	97
26) 2-Nitrophenol	9.857	139	863694	83.685	ng		95
27) 2,4-Dimethylphenol	9.916	122	1076302	83.267	ng		98
28) bis(2-Chloroethoxy)met...	10.157	93	2387148	75.042	ng		98
29) 2,4-Dichlorophenol	10.398	162	1697860	81.080	ng		96
30) 1,2,4-Trichlorobenzene	10.609	180	1849218	77.460	ng		99
31) Naphthalene	10.797	128	4496880	73.056	ng		95
32) Benzoic acid	10.110	122	1202077	80.280	ng		97
33) 4-Chloroaniline	10.909	127	1941330	77.624	ng		97
34) Hexachlorobutadiene	11.079	225	1111154	78.167	ng		98
35) Caprolactam	11.720	113	555660m	73.718	ng		
36) 4-Chloro-3-methylphenol	12.031	107	1743205	76.826	ng		98
37) 2-Methylnaphthalene	12.407	142	3447168	72.996	ng		96
38) 1-Methylnaphthalene	12.625	142	3497436m	73.715	ng		
40) 1,2,4,5-Tetrachloroben...	12.772	216	2161417	79.665	ng		99
41) Hexachlorocyclopentadiene	12.748	237	798246	89.360	ng		98
43) 2,4,6-Trichlorophenol	13.012	196	1472255	79.507	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	1677697	80.883	ng		98
46) 1,1'-Biphenyl	13.418	154	4523849	70.720	ng		89
47) 2-Chloronaphthalene	13.459	162	4027377	73.911	ng		90
48) 2-Nitroaniline	13.665	65	1332923	82.003	ng		97
49) Acenaphthylene	14.305	152	5327283	68.278	ng	#	87
50) Dimethylphthalate	14.041	163	4526931	66.981	ng	#	94
51) 2,6-Dinitrotoluene	14.158	165	1208546	78.713	ng		93
52) Acenaphthene	14.646	154	3615431	72.901	ng		95
53) 3-Nitroaniline	14.493	138	1103398	79.091	ng		100
54) 2,4-Dinitrophenol	14.693	184	704518	90.402	ng		98
55) Dibenzofuran	14.981	168	5259921	64.805	ng	#	85
56) 4-Nitrophenol	14.799	139	899626	83.075	ng		99
57) 2,4-Dinitrotoluene	14.945	165	1655437	78.416	ng		97
58) Fluorene	15.627	166	4575303	66.883	ng	#	97
59) 2,3,4,6-Tetrachlorophenol	15.204	232	1376635	76.807	ng		99
60) Diethylphthalate	15.404	149	4487321	66.480	ng	#	89
61) 4-Chlorophenyl-phenyle...	15.621	204	2575334	72.280	ng		95
62) 4-Nitroaniline	15.662	138	1192189	77.648	ng		97
63) Azobenzene	15.915	77	4612187	67.249	ng		87
65) 4,6-Dinitro-2-methylph...	15.709	198	1003400	88.991	ng		98
66) n-Nitrosodiphenylamine	15.839	169	4054261	73.428	ng		92
67) 4-Bromophenyl-phenylether	16.514	248	1688227	78.302	ng		98
68) Hexachlorobenzene	16.632	284	1908428	75.691	ng		97
69) Atrazine	16.784	200	942912	57.121	ng		99
70) Pentachlorophenol	16.972	266	1113913	80.946	ng		94
71) Phenanthrene	17.372	178	5985970	62.177	ng	#	84
72) Anthracene	17.460	178	6055502	62.924	ng	#	84
73) Carbazole	17.730	167	5907828	63.965	ng	#	83
74) Di-n-butylphthalate	18.289	149	5662420	58.128	ng	#	84
77) Benzidine	19.564	184	2446723	78.553	ng		98
78) Pyrene	19.746	202	6688521	57.914	ng	#	77
80) Butylbenzylphthalate	20.633	149	3246498	73.705	ng		91
81) Benzo(a)anthracene	21.573	228	6831507	62.290	ng	#	78
82) 3,3'-Dichlorobenzidine	21.491	252	2854547	73.875	ng		97
83) Chrysene	21.643	228	6542186	62.260	ng	#	79
84) Bis(2-ethylhexyl)phtha...	21.479	149	4549718	69.080	ng	#	86
85) Di-n-octyl phthalate	22.678	149	7029427	65.218	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.406	276	11052534	79.061	ng	#	92
88) Benzo(b)fluoranthene	23.765	252	8119888	69.311	ng	#	89
89) Benzo(k)fluoranthene	23.835	252	7966587	68.738	ng	#	87
90) Benzo(a)pyrene	24.628	252	7710535	72.376	ng	#	92
91) Dibenzo(a,h)anthracene	28.471	278	8788696	76.912	ng		95
92) Benzo(g,h,i)perylene	29.552	276	9054128	78.016	ng		98

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

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