Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051223\
Data File : BM039920.D
Acq On : 12 May 2023 16:01
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 13 02:10:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 13 02:01:10 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.037	152	635310	20.000	ng		0.00
21) Naphthalene-d8	10.854	136	2529128	20.000	ng		0.00
39) Acenaphthene-d10	14.671	164	1468287	20.000	ng		0.00
64) Phenanthrene-d10	17.412	188	2841160	20.000	ng		0.00
76) Chrysene-d12	21.589	240	2325786	20.000	ng		0.00
86) Perylene-d12	24.047	264	1735850	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.578	112	6030790	154.267	ng		0.00
7) Phenol-d6	7.195	99	8153388	156.525	ng		0.01
23) Nitrobenzene-d5	9.213	82	7480050	173.216	ng		0.00
42) 2,4,6-Tribromophenol	16.160	330	4643225	161.806	ng		0.00
45) 2-Fluorobiphenyl	13.301	172	15620193	136.083	ng		0.00
79) Terphenyl-d14	20.024	244	15318601	119.205	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.431	88	1040738	70.460	ng		96
3) Pyridine	3.837	79	3192987m	76.346	ng		
4) n-Nitrosodimethylamine	3.754	42	1060047	70.430	ng		93
6) Aniline	7.366	93	4970320	76.724	ng		97
8) 2-Chlorophenol	7.601	128	3428332	78.381	ng		96
10) Phenol	7.219	94	4018003	76.761	ng		99
11) bis(2-Chloroethyl)ether	7.460	93	3254632	74.249	ng		97
12) 1,3-Dichlorobenzene	7.925	146	3454962	76.328	ng		99
13) 1,4-Dichlorobenzene	8.072	146	3546447	76.386	ng		99
14) 1,2-Dichlorobenzene	8.395	146	3504910	76.347	ng		98
15) Benzyl Alcohol	8.278	79	2764513	79.678	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.578	45	3320478	68.225	ng		98
17) 2-Methylphenol	8.478	107	2928376	76.145	ng		99
18) Hexachloroethane	9.131	117	1285902	79.605	ng		93
19) n-Nitroso-di-n-propyla...	8.866	70	2595686	75.079	ng		95
20) 3+4-Methylphenols	8.819	107	3984117	77.919	ng		99
22) Acetophenone	8.872	105	5285961	79.244	ng	#	97
24) Nitrobenzene	9.254	77	3606508	82.612	ng		98
25) Isophorone	9.784	82	7106681	79.908	ng		98
26) 2-Nitrophenol	9.960	139	1715580	79.292	ng		95
27) 2,4-Dimethylphenol	10.025	122	3254751	86.039	ng		97
28) bis(2-Chloroethoxy)met...	10.266	93	4390951	80.559	ng		99
29) 2,4-Dichlorophenol	10.501	162	3240236	90.172	ng		98
30) 1,2,4-Trichlorobenzene	10.719	180	3426496	87.218	ng		98
31) Naphthalene	10.907	128	11025634	80.349	ng		99
32) Benzoic acid	10.207	122	2216387	81.956	ng		99
33) 4-Chloroaniline	11.013	127	5015374	83.506	ng		99
34) Hexachlorobutadiene	11.195	225	1967292	87.856	ng		99
35) Caprolactam	11.825	113	975054m	90.307	ng		
36) 4-Chloro-3-methylphenol	12.130	107	3273312	85.217	ng		96
37) 2-Methylnaphthalene	12.513	142	8270006	84.601	ng		99
38) 1-Methylnaphthalene	12.730	142	7741914	84.075	ng		99
40) 1,2,4,5-Tetrachloroben...	12.872	216	4071904	91.928	ng		98
41) Hexachlorocyclopentadiene	12.860	237	2139620	79.351	ng		100
43) 2,4,6-Trichlorophenol	13.107	196	2555089	94.418	ng		99
44) 2,4,5-Trichlorophenol	13.177	196	3015707	94.453	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.519	154	10240666	84.192	ng		98
47) 2-Chloronaphthalene	13.560	162	7575341	83.964	ng		98
48) 2-Nitroaniline	13.754	65	1921276	80.642	ng		95
49) Acenaphthylene	14.401	152	12180013	83.717	ng		98
50) Dimethylphthalate	14.142	163	9714412	84.841	ng		99
51) 2,6-Dinitrotoluene	14.254	165	1999510	80.904	ng		92
52) Acenaphthene	14.742	154	8261123m	87.155	ng		
53) 3-Nitroaniline	14.583	138	2287695	80.534	ng		91
54) 2,4-Dinitrophenol	14.777	184	882970	79.598	ng		95
55) Dibenzofuran	15.071	168	11701264	82.823	ng		98
56) 4-Nitrophenol	14.877	139	1798645	90.526	ng		92
57) 2,4-Dinitrotoluene	15.036	165	2679783	81.248	ng		86
58) Fluorene	15.718	166	10493036	84.524	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.295	232	2480978	94.487	ng		95
60) Diethylphthalate	15.501	149	9914892	83.983	ng		97
61) 4-Chlorophenyl-phenyle...	15.713	204	5509665	89.434	ng		96
62) 4-Nitroaniline	15.748	138	2373957	78.767	ng		96
63) Azobenzene	16.007	77	8514512	75.386	ng		97
65) 4,6-Dinitro-2-methylph...	15.795	198	1279886	79.523	ng		96
66) n-Nitrosodiphenylamine	15.930	169	8609219	87.929	ng		99
67) 4-Bromophenyl-phenylether	16.607	248	3135499	94.848	ng		98
68) Hexachlorobenzene	16.718	284	3599850	92.490	ng		97
69) Atrazine	16.883	200	2268084	90.654	ng		100
70) Pentachlorophenol	17.060	266	2434867	96.774	ng		99
71) Phenanthrene	17.459	178	13284273	79.200	ng	#	85
72) Anthracene	17.548	178	13137461	78.267	ng	#	86
73) Carbazole	17.818	167	12527243	82.689	ng	#	90
74) Di-n-butylphthalate	18.383	149	12825315	75.098	ng	#	92
75) Fluoranthene	19.465	202	12986500	77.102	ng		81
77) Benzidine	19.648	184	2822716	90.246	ng		100
78) Pyrene	19.824	202	13405273	81.190	ng	#	81
80) Butylbenzylphthalate	20.730	149	6151173	79.104	ng		91
81) Benzo(a)anthracene	21.571	228	12483656	78.133	ng	#	83
82) 3,3'-Dichlorobenzidine	21.506	252	4400343	80.512	ng	#	99
83) Chrysene	21.624	228	11868940	78.859	ng		96
84) Bis(2-ethylhexyl)phtha...	21.506	149	9247213	78.272	ng	#	91
85) Di-n-octyl phthalate	22.459	149	12117859	78.506	ng		99
87) Indeno(1,2,3-cd)pyrene	26.641	276	11412251	92.883	ng		99
88) Benzo(b)fluoranthene	23.300	252	10709047	94.480	ng		99
89) Benzo(k)fluoranthene	23.353	252	11543450	94.399	ng		99
90) Benzo(a)pyrene	23.947	252	9935209	94.833	ng		99
91) Dibenzo(a,h)anthracene	26.653	278	9951191	93.373	ng		99
92) Benzo(g,h,i)perylene	27.424	276	8363676	91.121	ng		99

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

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