Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060823\
Data File : BM040151.D
Acq On : 08 Jun 2023 10:30
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 08 23:07:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 08 23:06:09 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.987	152	269081	20.000	ng		0.00
21) Naphthalene-d8	10.804	136	1199668	20.000	ng		0.00
39) Acenaphthene-d10	14.627	164	671667	20.000	ng		0.00
64) Phenanthrene-d10	17.368	188	1358705	20.000	ng		0.00
76) Chrysene-d12	21.545	240	1187298	20.000	ng		0.00
86) Perylene-d12	23.986	264	1328599	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	183607	10.189	ng		0.00
7) Phenol-d6	7.140	99	239273	9.730	ng		0.00
23) Nitrobenzene-d5	9.151	82	201344	9.084	ng		0.00
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng		
45) 2-Fluorobiphenyl	13.251	172	472066	9.289	ng		0.00
79) Terphenyl-d14	19.986	244	554306	8.606	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	38658	5.402	ng		98
3) Pyridine	3.822	79	99355	4.843	ng		97
4) n-Nitrosodimethylamine	3.722	42	42686	5.129	ng	#	98
6) Aniline	7.310	93	142830	4.799	ng		99
8) 2-Chlorophenol	7.545	128	94258	4.947	ng		98
9) Benzaldehyde	7.122	77	75792m	5.797	ng		
10) Phenol	7.169	94	119889	4.957	ng		99
11) bis(2-Chloroethyl)ether	7.404	93	100770	5.170	ng		99
12) 1,3-Dichlorobenzene	7.875	146	97417	5.086	ng		99
13) 1,4-Dichlorobenzene	8.028	146	100682	5.144	ng		98
14) 1,2-Dichlorobenzene	8.345	146	97753	5.075	ng		99
15) Benzyl Alcohol	8.228	79	75203	4.634	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.516	45	131568	5.295	ng		100
17) 2-Methylphenol	8.428	107	78709	4.568	ng		99
18) Hexachloroethane	9.075	117	34491	4.922	ng		97
19) n-Nitroso-di-n-propyla...	8.798	70	70741	4.735	ng		98
20) 3+4-Methylphenols	8.757	107	106357	4.521	ng		100
22) Acetophenone	8.816	105	148655	4.745	ng	#	99
24) Nitrobenzene	9.198	77	107551	4.714	ng		98
25) Isophorone	9.722	82	179480	4.288	ng		99
26) 2-Nitrophenol	9.916	139	34532	3.643	ng		99
27) 2,4-Dimethylphenol	9.969	122	82337	4.439	ng		97
28) bis(2-Chloroethoxy)met...	10.210	93	131668	4.873	ng		98
29) 2,4-Dichlorophenol	10.445	162	69772	4.101	ng		95
30) 1,2,4-Trichlorobenzene	10.663	180	79630	4.621	ng		98
31) Naphthalene	10.851	128	313562	4.853	ng		99
33) 4-Chloroaniline	10.963	127	127762	4.440	ng		99
34) Hexachlorobutadiene	11.139	225	41848	4.630	ng		96
35) Caprolactam	11.722	113	20409	3.493	ng		97
36) 4-Chloro-3-methylphenol	12.080	107	83161	4.210	ng		98
37) 2-Methylnaphthalene	12.457	142	209148	4.681	ng		98
38) 1-Methylnaphthalene	12.675	142	195432	4.638	ng		98
40) 1,2,4,5-Tetrachloroben...	12.822	216	80952	4.546	ng		99
41) Hexachlorocyclopentadiene	12.804	237	36766	3.960	ng		97
43) 2,4,6-Trichlorophenol	13.063	196	47658	3.902	ng		98
44) 2,4,5-Trichlorophenol	13.127	196	60403	4.097	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.463	154	257304	4.778	ng		98
47) 2-Chloronaphthalene	13.504	162	185149	4.628	ng		99
48) 2-Nitroaniline	13.704	65	44915	3.744	ng		97
49) Acenaphthylene	14.351	152	288142	4.344	ng		99
50) Dimethylphthalate	14.080	163	239181	4.566	ng		99
51) 2,6-Dinitrotoluene	14.198	165	41951	3.996	ng		94
52) Acenaphthene	14.686	154	187830	4.591	ng		98
53) 3-Nitroaniline	14.527	138	49344	3.767	ng		94
55) Dibenzofuran	15.021	168	297941	4.655	ng		98
56) 4-Nitrophenol	14.827	139	37712	3.555	ng		97
57) 2,4-Dinitrotoluene	14.980	165	50420	3.598	ng	#	93
58) Fluorene	15.668	166	232412	4.338	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.245	232	45401	3.938	ng		96
60) Diethylphthalate	15.439	149	236559	4.451	ng		98
61) 4-Chlorophenyl-phenyle...	15.663	204	104293	4.165	ng	#	89
62) 4-Nitroaniline	15.686	138	48384	3.467	ng		94
63) Azobenzene	15.957	77	226402	4.381	ng		99
66) n-Nitrosodiphenylamine	15.874	169	188214	4.229	ng		99
67) 4-Bromophenyl-phenylether	16.557	248	54388	3.986	ng		93
68) Hexachlorobenzene	16.674	284	64947	4.150	ng		95
69) Atrazine	16.821	200	46379	3.813	ng		96
71) Phenanthrene	17.410	178	351213	4.436	ng		99
72) Anthracene	17.504	178	315971	4.001	ng		98
73) Carbazole	17.768	167	307415	4.081	ng		98
74) Di-n-butylphthalate	18.333	149	320246	3.790	ng		99
75) Fluoranthene	19.421	202	326118	3.882	ng		96
77) Benzidine	19.609	184	82244	3.832	ng		97
78) Pyrene	19.786	202	344554	4.352	ng		98
80) Butylbenzylphthalate	20.680	149	115617	3.613	ng		99
81) Benzo(a)anthracene	21.527	228	343849	4.247	ng		98
82) 3,3'-Dichlorobenzidine	21.462	252	90028	3.346	ng	#	98
83) Chrysene	21.580	228	327558	4.271	ng		99
84) Bis(2-ethylhexyl)phtha...	21.456	149	164763	3.487	ng		96
85) Di-n-octyl phthalate	22.392	149	256809	3.346	ng		96
87) Indeno(1,2,3-cd)pyrene	26.515	276	360039	3.614	ng		94
88) Benzo(b)fluoranthene	23.233	252	309549	3.847	ng	#	96
89) Benzo(k)fluoranthene	23.286	252	307707	3.659	ng	#	96
90) Benzo(a)pyrene	23.874	252	276969	3.604	ng	#	97
91) Dibenzo(a,h)anthracene	26.527	278	304158	3.537	ng	#	95
92) Benzo(g,h,i)perylene	27.291	276	286539	3.879	ng		96

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

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