Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071724\
Data File : BM046684.D
Acq On : 18 Jul 2024 01:12
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 18 05:51:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 18 05:50:43 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.492	152	97767	20.000	ng		0.00
21) Naphthalene-d8	10.251	136	358643	20.000	ng		0.00
39) Acenaphthene-d10	14.133	164	263071	20.000	ng		0.00
64) Phenanthrene-d10	16.892	188	609667	20.000	ng		0.00
76) Chrysene-d12	21.115	240	561699	20.000	ng		0.00
86) Perylene-d12	23.885	264	621721	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.134	112	49281	10.238	ng		0.00
7) Phenol-d6	6.687	99	60670	9.899	ng		0.00
23) Nitrobenzene-d5	8.628	82	68731	9.950	ng		0.00
42) 2,4,6-Tribromophenol	15.633	330	39065	9.574	ng		0.00
45) 2-Fluorobiphenyl	12.751	172	190217	10.213	ng		0.00
79) Terphenyl-d14	19.545	244	297910	9.591	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.140	88	7647m	5.235	ng		
3) Pyridine	3.522	79	21738m	5.064	ng		
4) n-Nitrosodimethylamine	3.434	42	15564	4.908	ng	#	89
6) Aniline	6.834	93	26494	5.001	ng	#	94
8) 2-Chlorophenol	7.063	128	27125	5.034	ng		97
9) Benzaldehyde	6.651	77	21316	5.697	ng		97
10) Phenol	6.716	94	31238	5.244	ng		96
11) bis(2-Chloroethyl)ether	6.934	93	23303	5.266	ng		92
12) 1,3-Dichlorobenzene	7.381	146	37128	5.218	ng		89
13) 1,4-Dichlorobenzene	7.522	146	36561	5.059	ng		98
14) 1,2-Dichlorobenzene	7.834	146	35772	5.196	ng		98
15) Benzyl Alcohol	7.734	79	24805	4.969	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.028	45	25233	5.455	ng		99
17) 2-Methylphenol	7.939	107	21459	5.058	ng		91
18) Hexachloroethane	8.551	117	12953	4.936	ng		95
19) n-Nitroso-di-n-propyla...	8.292	70	19128	4.944	ng		99
20) 3+4-Methylphenols	8.269	107	28183	4.835	ng		91
22) Acetophenone	8.304	105	42123	5.108	ng		97
24) Nitrobenzene	8.675	77	35456	5.235	ng	#	92
25) Isophorone	9.198	82	52494	5.053	ng		97
26) 2-Nitrophenol	9.381	139	15829	4.879	ng	#	86
27) 2,4-Dimethylphenol	9.457	122	17684	5.020	ng		98
28) bis(2-Chloroethoxy)met...	9.686	93	30467	5.144	ng		94
29) 2,4-Dichlorophenol	9.910	162	32249	5.097	ng		98
30) 1,2,4-Trichlorobenzene	10.116	180	38508	4.968	ng		95
31) Naphthalene	10.298	128	90535	5.082	ng		98
32) Benzoic acid	9.545	122	18538	4.318	ng		95
33) 4-Chloroaniline	10.416	127	32106	4.837	ng		98
34) Hexachlorobutadiene	10.592	225	26191	4.995	ng		88
35) Caprolactam	11.192	113	7911	4.721	ng	#	88
36) 4-Chloro-3-methylphenol	11.557	107	28570	4.894	ng		99
37) 2-Methylnaphthalene	11.922	142	66742	4.933	ng		98
38) 1-Methylnaphthalene	12.145	142	64437	4.848	ng		99
40) 1,2,4,5-Tetrachloroben...	12.298	216	45246	5.289	ng		99
41) Hexachlorocyclopentadiene	12.280	237	8200	3.918	ng		90
43) 2,4,6-Trichlorophenol	12.557	196	28593	5.078	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.627	196	31734	5.054	ng		96
46) 1,1'-Biphenyl	12.963	154	94313	5.153	ng		97
47) 2-Chloronaphthalene	12.992	162	78776	5.206	ng		99
48) 2-Nitroaniline	13.210	65	18483	4.655	ng		96
49) Acenaphthylene	13.851	152	104810	4.985	ng		97
50) Dimethylphthalate	13.604	163	93042	5.114	ng		100
51) 2,6-Dinitrotoluene	13.716	165	19447	4.624	ng		93
52) Acenaphthene	14.198	154	66526	4.935	ng		96
53) 3-Nitroaniline	14.045	138	17235	4.528	ng		93
55) Dibenzofuran	14.539	168	113160	4.959	ng		99
56) 4-Nitrophenol	14.380	139	14212	4.302	ng		89
57) 2,4-Dinitrotoluene	14.510	165	27240	4.472	ng	#	93
58) Fluorene	15.192	166	95043	4.874	ng	#	99
59) 2,3,4,6-Tetrachlorophenol	14.774	232	28000	4.842	ng		97
60) Diethylphthalate	14.986	149	93458	4.980	ng		96
61) 4-Chlorophenyl-phenyle...	15.198	204	52284	4.985	ng		96
62) 4-Nitroaniline	15.210	138	19334	4.505	ng		93
63) Azobenzene	15.486	77	73130	4.799	ng		98
66) n-Nitrosodiphenylamine	15.415	169	78685	4.977	ng		95
67) 4-Bromophenyl-phenylether	16.092	248	33942	4.930	ng		98
68) Hexachlorobenzene	16.198	284	42508	5.112	ng		94
69) Atrazine	16.380	200	30409	5.480	ng		90
70) Pentachlorophenol	16.545	266	27760	4.705	ng		98
71) Phenanthrene	16.933	178	150951	4.986	ng		99
72) Anthracene	17.021	178	149062	4.976	ng		97
73) Carbazole	17.298	167	138632	4.891	ng		100
74) Di-n-butylphthalate	17.886	149	152499	4.812	ng		100
75) Fluoranthene	18.956	202	187707	4.825	ng		99
77) Benzidine	19.156	184	53786	4.785	ng		99
78) Pyrene	19.321	202	195881	4.899	ng		98
80) Butylbenzylphthalate	20.256	149	66901	4.632	ng		98
81) Benzo(a)anthracene	21.097	228	188796	5.079	ng		99
82) 3,3'-Dichlorobenzidine	21.039	252	61652	4.773	ng		93
83) Chrysene	21.156	228	170365	4.916	ng		99
84) Bis(2-ethylhexyl)phtha...	21.062	149	95860	4.976	ng		98
85) Di-n-octyl phthalate	22.121	149	159285	4.906	ng	#	97
87) Indeno(1,2,3-cd)pyrene	26.956	276	210441	5.224	ng		99
88) Benzo(b)fluoranthene	23.015	252	190639	4.980	ng		99
89) Benzo(k)fluoranthene	23.074	252	181723	5.030	ng		97
90) Benzo(a)pyrene	23.750	252	164502	4.968	ng		99
91) Dibenzo(a,h)anthracene	27.021	278	172140	5.149	ng		100
92) Benzo(g,h,i)perylene	27.909	276	174253	5.051	ng		96

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

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