Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052224\
Data File : BP020437.D
Acq On : 22 May 2024 14:43
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 23 01:54:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 01:51:30 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.557	152	94657	20.000	ng		0.00
21) Naphthalene-d8	10.328	136	392870	20.000	ng		0.00
39) Acenaphthene-d10	14.228	164	271407	20.000	ng		0.00
64) Phenanthrene-d10	17.069	188	541331	20.000	ng		0.00
76) Chrysene-d12	21.551	240	420728	20.000	ng		0.00
86) Perylene-d12	24.857	264	505079	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.205	112	47371	9.238	ng		0.02
7) Phenol-d6	6.763	99	68737	9.575	ng		0.02
23) Nitrobenzene-d5	8.728	82	79497	9.682	ng		0.01
42) 2,4,6-Tribromophenol	15.781	330	33324	9.450	ng		0.00
45) 2-Fluorobiphenyl	12.828	172	195592	9.959	ng		0.00
79) Terphenyl-d14	19.827	244	248418	10.102	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.187	88	12409	5.533	ng		99
3) Pyridine	3.599	79	26097m	4.719	ng		
4) n-Nitrosodimethylamine	3.517	42	13504m	5.030	ng		
6) Aniline	6.916	93	32415	4.753	ng		98
8) 2-Chlorophenol	7.134	128	29158	5.068	ng		94
10) Phenol	6.793	94	34411	4.756	ng		93
11) bis(2-Chloroethyl)ether	7.016	93	29246	5.076	ng		97
12) 1,3-Dichlorobenzene	7.452	146	35983	5.204	ng		99
13) 1,4-Dichlorobenzene	7.599	146	38091	5.374	ng		99
14) 1,2-Dichlorobenzene	7.905	146	36033	5.311	ng		98
15) Benzyl Alcohol	7.840	79	27666	4.664	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.093	45	35884	5.439	ng		93
17) 2-Methylphenol	8.028	107	21674	4.501	ng		95
18) Hexachloroethane	8.604	117	13940	5.176	ng		97
19) n-Nitroso-di-n-propyla...	8.375	70	27104	5.520	ng		97
20) 3+4-Methylphenols	8.369	107	30215m	4.556	ng		
22) Acetophenone	8.405	105	47618	4.750	ng		95
24) Nitrobenzene	8.775	77	39100	4.834	ng		95
25) Isophorone	9.287	82	65662	4.820	ng		98
26) 2-Nitrophenol	9.487	139	14496	4.352	ng	#	93
27) 2,4-Dimethylphenol	9.557	122	18085	4.671	ng		93
28) bis(2-Chloroethoxy)met...	9.787	93	37948	4.819	ng		97
29) 2,4-Dichlorophenol	10.051	162	25502	4.392	ng		98
30) 1,2,4-Trichlorobenzene	10.204	180	36128	4.986	ng		98
31) Naphthalene	10.381	128	101159	5.101	ng		99
33) 4-Chloroaniline	10.551	127	29087	4.331	ng		95
34) Hexachlorobutadiene	10.634	225	26561	5.206	ng		93
35) Caprolactam	11.357	113	7313m	4.446	ng		
36) 4-Chloro-3-methylphenol	11.681	107	31185	4.646	ng		98
37) 2-Methylnaphthalene	12.016	142	69012	5.076	ng		95
38) 1-Methylnaphthalene	12.234	142	70477	5.228	ng		95
40) 1,2,4,5-Tetrachloroben...	12.387	216	42964	4.872	ng		98
43) 2,4,6-Trichlorophenol	12.657	196	23951	4.463	ng		98
44) 2,4,5-Trichlorophenol	12.751	196	26539m	4.502	ng		
46) 1,1'-Biphenyl	13.051	154	95325	4.985	ng		99
47) 2-Chloronaphthalene	13.087	162	75385	4.906	ng		97

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48) 2-Nitroaniline	13.345	65	18717	4.120	ng		93
49) Acenaphthylene	13.951	152	104319	4.801	ng		99
50) Dimethylphthalate	13.704	163	93463	5.025	ng	#	96
51) 2,6-Dinitrotoluene	13.840	165	18628	4.465	ng	#	79
52) Acenaphthene	14.292	154	68644	4.964	ng		96
53) 3-Nitroaniline	14.210	138	13676	3.812	ng	#	79
55) Dibenzofuran	14.651	168	112116	5.024	ng		92
57) 2,4-Dinitrotoluene	14.675	165	24170	4.348	ng		87
58) Fluorene	15.310	166	92314	5.095	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.892	232	24841m	4.835	ng		
60) Diethylphthalate	15.092	149	88432	4.839	ng		99
61) 4-Chlorophenyl-phenyle...	15.310	204	50346	5.061	ng		97
62) 4-Nitroaniline	15.428	138	11970m	3.672	ng		
63) Azobenzene	15.616	77	87953	4.972	ng		98
66) n-Nitrosodiphenylamine	15.539	169	73089	4.887	ng		98
67) 4-Bromophenyl-phenylether	16.233	248	30265	4.955	ng		97
68) Hexachlorobenzene	16.334	284	38213	5.294	ng		97
69) Atrazine	16.545	200	23156	5.310	ng		89
70) Pentachlorophenol	16.728	266	16422	4.014	ng		93
71) Phenanthrene	17.110	178	132197	5.066	ng		99
72) Anthracene	17.216	178	122724	4.793	ng		98
73) Carbazole	17.522	167	102231	4.462	ng		97
74) Di-n-butylphthalate	18.098	149	117463	4.272	ng		99
75) Fluoranthene	19.222	202	138825	4.567	ng		99
77) Benzidine	19.486	184	25237m	4.275	ng		
78) Pyrene	19.604	202	146267	5.138	ng		98
80) Butylbenzylphthalate	20.580	149	44336	4.365	ng		98
81) Benzo(a)anthracene	21.527	228	127125	4.838	ng		97
82) 3,3'-Dichlorobenzidine	21.486	252	37256	4.159	ng		97
83) Chrysene	21.604	228	133092	5.148	ng		99
84) Bis(2-ethylhexyl)phtha...	21.474	149	64777	4.402	ng		100
85) Di-n-octyl phthalate	22.751	149	107989	4.410	ng		98
87) Indeno(1,2,3-cd)pyrene	28.603	276	174601m	5.074	ng		
88) Benzo(b)fluoranthene	23.815	252	134066	4.646	ng		97
89) Benzo(k)fluoranthene	23.886	252	135966m	4.765	ng		
90) Benzo(a)pyrene	24.692	252	119223	4.666	ng		100
91) Dibenzo(a,h)anthracene	28.703	278	141547	4.986	ng		97
92) Benzo(g,h,i)perylene	29.780	276	149400	5.131	ng		96

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

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