Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052424\
Data File : BP020453.D
Acq On : 24 May 2024 14:28
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 25 01:56:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 25 01:41:43 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/28/2024
Supervised By :mohammad ahmed 05/28/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	358834	20.000	ng		0.00
21) Naphthalene-d8	10.546	136	1508306	20.000	ng		0.00
39) Acenaphthene-d10	14.404	164	957488	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	1863190	20.000	ng		0.00
76) Chrysene-d12	21.686	240	1203309	20.000	ng		0.00
86) Perylene-d12	25.057	264	1350669	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	2472166	120.524	ng		0.00
7) Phenol-d6	6.946	99	3444477	121.446	ng		0.02
23) Nitrobenzene-d5	8.922	82	3230430	127.016	ng		0.00
42) 2,4,6-Tribromophenol	15.916	330	1250945	126.035	ng		0.00
45) 2-Fluorobiphenyl	13.022	172	7444231	114.438	ng		0.01
79) Terphenyl-d14	19.951	244	8802790	120.987	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	481999	58.897	ng		100
3) Pyridine	3.717	79	1405120m	61.489	ng		
4) n-Nitrosodimethylamine	3.634	42	646932	61.146	ng		95
6) Aniline	7.111	93	1743303	60.441	ng		100
8) 2-Chlorophenol	7.346	128	1357833	60.461	ng		98
9) Benzaldehyde	6.934	77	834000	62.746	ng		99
10) Phenol	6.969	94	1743451	60.560	ng		99
11) bis(2-Chloroethyl)ether	7.211	93	1425900	59.809	ng		98
12) 1,3-Dichlorobenzene	7.663	146	1569010	59.099	ng		100
13) 1,4-Dichlorobenzene	7.805	146	1591407	59.104	ng		100
14) 1,2-Dichlorobenzene	8.122	146	1524487	59.097	ng		99
15) Benzyl Alcohol	8.016	79	1268623	61.454	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.299	45	2106157	59.083	ng		100
17) 2-Methylphenol	8.193	107	1181155	60.487	ng		97
18) Hexachloroethane	8.840	117	570398	59.583	ng		98
19) n-Nitroso-di-n-propyla...	8.575	70	1134716	58.798	ng		99
20) 3+4-Methylphenols	8.528	107	1623765	60.879	ng		99
22) Acetophenone	8.593	105	2189070	58.872	ng	#	99
24) Nitrobenzene	8.963	77	1626338	62.337	ng		99
25) Isophorone	9.487	82	3175847	58.561	ng		99
27) 2,4-Dimethylphenol	9.722	122	976670	59.952	ng		99
28) bis(2-Chloroethoxy)met...	9.963	93	1940556	58.806	ng		99
29) 2,4-Dichlorophenol	10.193	162	1344424	61.890	ng		100
30) 1,2,4-Trichlorobenzene	10.404	180	1549757	60.022	ng		98
31) Naphthalene	10.593	128	4478074	58.234	ng		99
32) Benzoic acid	9.887	122	899926	62.767	ng		99
33) 4-Chloroaniline	10.699	127	1771207	59.624	ng		99
34) Hexachlorobutadiene	10.881	225	952628	59.459	ng		98
35) Caprolactam	11.504	113	460669	61.044	ng		99
36) 4-Chloro-3-methylphenol	11.822	107	1517053	61.388	ng		99
37) 2-Methylnaphthalene	12.210	142	3231558	59.155	ng		98
38) 1-Methylnaphthalene	12.428	142	3085268	57.336	ng		100
40) 1,2,4,5-Tetrachloroben...	12.575	216	1700583	60.988	ng		100
41) Hexachlorocyclopentadiene	12.557	237	616365	62.905	ng		98
43) 2,4,6-Trichlorophenol	12.816	196	1073083	63.821	ng		96
44) 2,4,5-Trichlorophenol	12.887	196	1202825	65.032	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.228	154	4084140	59.772	ng	99
47) 2-Chloronaphthalene	13.263	162	3236272	60.020	ng	98
48) 2-Nitroaniline	13.469	65	884140	61.604	ng	95
49) Acenaphthylene	14.128	152	4781780	59.465	ng	99
50) Dimethylphthalate	13.863	163	3970509	60.180	ng	99
51) 2,6-Dinitrotoluene	13.969	165	871764	68.587	ng	99
52) Acenaphthene	14.469	154	3152548m	60.502	ng	
53) 3-Nitroaniline	14.304	138	834594	67.069	ng	92
54) 2,4-Dinitrophenol	14.516	184	296148	62.211	ng	97
55) Dibenzofuran	14.804	168	4685252	59.306	ng	99
56) 4-Nitrophenol	14.610	139	674460	65.607	ng	91
57) 2,4-Dinitrotoluene	14.775	165	1117461	61.596	ng	97
58) Fluorene	15.463	166	3659958	57.607	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.028	232	966435	63.490	ng	99
60) Diethylphthalate	15.257	149	3917341	58.275	ng	100
61) 4-Chlorophenyl-phenyle...	15.469	204	1914545	58.407	ng	99
62) 4-Nitroaniline	15.492	138	823868	65.391	ng	98
63) Azobenzene	15.769	77	3622181	57.608	ng	98
65) 4,6-Dinitro-2-methylph...	15.540	198	463728	62.525	ng	99
66) n-Nitrosodiphenylamine	15.692	169	3208152	60.209	ng	99
67) 4-Bromophenyl-phenylether	16.387	248	1209722	61.357	ng	96
68) Hexachlorobenzene	16.481	284	1386337	60.923	ng	99
69) Atrazine	16.675	200	1103137	59.479	ng	98
70) Pentachlorophenol	16.839	266	838297	66.518	ng	100
71) Phenanthrene	17.251	178	5339175	58.084	ng	99
72) Anthracene	17.345	178	5378144	59.004	ng	100
73) Carbazole	17.634	167	4779840	55.396	ng	99
74) Di-n-butylphthalate	18.239	149	6147154	56.486	ng	100
75) Fluoranthene	19.351	202	5668677	52.889	ng	99
77) Benzidine	19.545	184	1260960	42.472	ng	99
78) Pyrene	19.728	202	5728622	62.957	ng	99
80) Butylbenzylphthalate	20.698	149	2090612	62.808	ng	98
81) Benzo(a)anthracene	21.663	228	4771412	60.082	ng	100
82) 3,3'-Dichlorobenzidine	21.586	252	1521303	60.622	ng	100
83) Chrysene	21.733	228	4442949	59.606	ng	99
84) Bis(2-ethylhexyl)phtha...	21.627	149	3107193	60.160	ng	99
85) Di-n-octyl phthalate	22.951	149	5140438	64.974	ng	100
87) Indeno(1,2,3-cd)pyrene	28.904	276	5766244m	65.527	ng	
88) Benzo(b)fluoranthene	23.992	252	4813998	58.996	ng	98
89) Benzo(k)fluoranthene	24.074	252	4673430	59.244	ng	99
90) Benzo(a)pyrene	24.904	252	4345945	61.521	ng	100
91) Dibenzo(a,h)anthracene	29.021	278	4791354	65.615	ng	98
92) Benzo(g,h,i)perylene	30.098	276	4831895	65.890	ng	99

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

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