Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
Data File : BP021954.D
Acq On : 19 Sep 2024 17:02
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 20 01:05:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 00:59:29 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	112863	20.000	ng		0.00
21) Naphthalene-d8	10.487	136	436132	20.000	ng		0.01
39) Acenaphthene-d10	14.334	164	330357	20.000	ng		0.00
64) Phenanthrene-d10	17.133	188	799483	20.000	ng		0.00
76) Chrysene-d12	21.563	240	890317	20.000	ng		0.00
86) Perylene-d12	24.857	264	1005245	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	720136	119.909	ng		0.00
7) Phenol-d6	6.899	99	955492	122.555	ng		0.00
23) Nitrobenzene-d5	8.857	82	1013804	122.999	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	789550	128.918	ng		-0.02
45) 2-Fluorobiphenyl	12.945	172	2706391	119.589	ng		0.00
79) Terphenyl-d14	19.857	244	5972545	126.015	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	147136	59.001	ng		99
3) Pyridine	3.658	79	398430m	59.915	ng		
4) n-Nitrosodimethylamine	3.563	42	208965	59.560	ng		99
6) Aniline	7.052	93	409417	59.760	ng		98
8) 2-Chlorophenol	7.287	128	389075	60.586	ng		95
9) Benzaldehyde	6.869	77	211589	51.693	ng		98
10) Phenol	6.922	94	466222	60.208	ng		100
11) bis(2-Chloroethyl)ether	7.146	93	352455	60.424	ng		98
12) 1,3-Dichlorobenzene	7.604	146	477290	58.869	ng		99
13) 1,4-Dichlorobenzene	7.752	146	487676	59.311	ng		98
14) 1,2-Dichlorobenzene	8.063	146	468218	59.330	ng		99
15) Benzyl Alcohol	7.957	79	378996	63.386	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.240	45	369175m	59.728	ng		
17) 2-Methylphenol	8.152	107	326909	62.493	ng		98
18) Hexachloroethane	8.781	117	183490	60.690	ng		99
19) n-Nitroso-di-n-propyla...	8.516	70	309530	63.874	ng		98
20) 3+4-Methylphenols	8.481	107	465709	63.065	ng		99
22) Acetophenone	8.528	105	640526	60.205	ng	#	99
24) Nitrobenzene	8.904	77	505731	60.420	ng		98
25) Isophorone	9.422	82	855460	62.953	ng		99
26) 2-Nitrophenol	9.604	139	235559	64.363	ng		97
27) 2,4-Dimethylphenol	9.663	122	264814	62.489	ng		99
28) bis(2-Chloroethoxy)met...	9.893	93	492947	60.501	ng		98
29) 2,4-Dichlorophenol	10.134	162	454816	63.230	ng		95
30) 1,2,4-Trichlorobenzene	10.345	180	542949	60.599	ng		98
31) Naphthalene	10.534	128	1300030	59.738	ng		100
32) Benzoic acid	9.840	122	338270	66.997	ng		96
33) 4-Chloroaniline	10.640	127	482117	61.419	ng		99
34) Hexachlorobutadiene	10.816	225	417834	59.613	ng		97
35) Caprolactam	11.445	113	135193	63.272	ng		99
36) 4-Chloro-3-methylphenol	11.769	107	493303	63.924	ng		99
37) 2-Methylnaphthalene	12.145	142	975107	61.244	ng		99
38) 1-Methylnaphthalene	12.357	142	966101	61.457	ng		98
40) 1,2,4,5-Tetrachloroben...	12.516	216	700427	60.601	ng		99
41) Hexachlorocyclopentadiene	12.498	237	272247	63.395	ng		96
43) 2,4,6-Trichlorophenol	12.757	196	443980	62.584	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	12.828	196	499338	62.746	ng	98
46)	1,1'-Biphenyl	13.163	154	1354062	60.114	ng	98
47)	2-Chloronaphthalene	13.198	162	1104239	60.628	ng	99
48)	2-Nitroaniline	13.404	65	322004	64.746	ng	99
49)	Acenaphthylene	14.057	152	1574744	61.273	ng	99
50)	Dimethylphthalate	13.798	163	1452784	60.633	ng	100
51)	2,6-Dinitrotoluene	13.910	165	333860	62.532	ng	98
52)	Acenaphthene	14.392	154	1007576	60.239	ng	98
53)	3-Nitroaniline	14.245	138	297957	62.619	ng	99
54)	2,4-Dinitrophenol	14.445	184	212118	67.809	ng	96
55)	Dibenzofuran	14.733	168	1689656	60.099	ng	99
56)	4-Nitrophenol	14.569	139	266606	64.371	ng	97
57)	2,4-Dinitrotoluene	14.704	165	482549	63.934	ng	98
58)	Fluorene	15.404	166	1423959	60.649	ng	99
59)	2,3,4,6-Tetrachlorophenol	14.975	232	485018	63.150	ng	99
60)	Diethylphthalate	15.181	149	1522548	62.534	ng	100
61)	4-Chlorophenyl-phenyle...	15.392	204	843807	61.732	ng	99
62)	4-Nitroaniline	15.416	138	330813	63.663	ng	98
63)	Azobenzene	15.692	77	1219580	60.530	ng	100
65)	4,6-Dinitro-2-methylph...	15.481	198	307821	66.427	ng	95
66)	n-Nitrosodiphenylamine	15.622	169	1207245	60.644	ng	98
67)	4-Bromophenyl-phenylether	16.310	248	573358	61.521	ng	98
68)	Hexachlorobenzene	16.428	284	717810	61.777	ng	97
69)	Atrazine	16.592	200	390986	54.818	ng	99
70)	Pentachlorophenol	16.780	266	509638	65.193	ng	98
71)	Phenanthrene	17.180	178	2321105	60.480	ng	99
72)	Anthracene	17.269	178	2288943	61.612	ng	99
73)	Carbazole	17.539	167	2166383	60.376	ng	99
74)	Di-n-butylphthalate	18.145	149	2681997	63.641	ng	100
75)	Fluoranthene	19.263	202	3270937	61.061	ng	99
77)	Benzidine	19.451	184	555527	51.059	ng	98
78)	Pyrene	19.639	202	3370954	62.588	ng	99
80)	Butylbenzylphthalate	20.586	149	1242533	64.683	ng	98
81)	Benzo(a)anthracene	21.545	228	3505493	61.275	ng	99
82)	3,3'-Dichlorobenzidine	21.468	252	1226740	59.100	ng	100
83)	Chrysene	21.610	228	3254307	60.417	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.486	149	1789781	63.482	ng	99
85)	Di-n-octyl phthalate	22.751	149	3075779	64.233	ng	100
87)	Indeno(1,2,3-cd)pyrene	28.627	276	4027139	60.234	ng	100
88)	Benzo(b)fluoranthene	23.821	252	3625770	60.988	ng	99
89)	Benzo(k)fluoranthene	23.898	252	3509991	62.387	ng	99
90)	Benzo(a)pyrene	24.715	252	3162699	61.754	ng	100
91)	Dibenzo(a,h)anthracene	28.697	278	3318957	60.148	ng	100
92)	Benzo(g,h,i)perylene	29.792	276	3459410	61.203	ng	100

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

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