Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
Data File : BP021951.D
Acq On : 19 Sep 2024 14:58
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 20 01:02:48 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 :
SSTDICC020

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	88670	20.000	ng		0.00
21) Naphthalene-d8	10.475	136	329021	20.000	ng		0.00
39) Acenaphthene-d10	14.328	164	236800	20.000	ng		0.00
64) Phenanthrene-d10	17.133	188	555972	20.000	ng		0.00
76) Chrysene-d12	21.563	240	650837	20.000	ng		0.00
86) Perylene-d12	24.862	264	792243	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	196307	41.605	ng		0.00
7) Phenol-d6	6.893	99	246915	40.311	ng		0.00
23) Nitrobenzene-d5	8.852	82	253067	40.698	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	165651	37.734	ng		-0.01
45) 2-Fluorobiphenyl	12.934	172	648060	39.950	ng		0.00
79) Terphenyl-d14	19.857	244	1333412	38.486	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	39102	19.958	ng		97
3) Pyridine	3.658	79	103053	19.725	ng		97
4) n-Nitrosodimethylamine	3.564	42	55417	20.105	ng		98
6) Aniline	7.052	93	106816	19.845	ng		100
8) 2-Chlorophenol	7.287	128	104371	20.687	ng		98
9) Benzaldehyde	6.863	77	72663	22.596	ng		97
10) Phenol	6.922	94	120091	19.740	ng		99
11) bis(2-Chloroethyl)ether	7.140	93	93231	20.344	ng		99
12) 1,3-Dichlorobenzene	7.605	146	130733	20.524	ng		99
13) 1,4-Dichlorobenzene	7.752	146	131821	20.406	ng		99
14) 1,2-Dichlorobenzene	8.063	146	126008	20.323	ng		97
15) Benzyl Alcohol	7.946	79	92294	19.647	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.234	45	99972m	20.587	ng		
17) 2-Methylphenol	8.152	107	83308	20.271	ng		99
18) Hexachloroethane	8.781	117	48080	20.242	ng		98
19) n-Nitroso-di-n-propyla...	8.504	70	76523	20.100	ng		99
20) 3+4-Methylphenols	8.475	107	114502	19.736	ng		99
22) Acetophenone	8.522	105	163877	20.418	ng	#	99
24) Nitrobenzene	8.893	77	130527	20.671	ng		99
25) Isophorone	9.422	82	202778	19.780	ng		98
26) 2-Nitrophenol	9.599	139	55442	20.080	ng		98
27) 2,4-Dimethylphenol	9.663	122	64219	20.087	ng		96
28) bis(2-Chloroethoxy)met...	9.887	93	123994	20.172	ng		98
29) 2,4-Dichlorophenol	10.128	162	108810	20.052	ng		99
30) 1,2,4-Trichlorobenzene	10.346	180	136870	20.249	ng		99
31) Naphthalene	10.522	128	331403	20.186	ng		100
32) Benzoic acid	9.769	122	71707	18.826	ng		98
33) 4-Chloroaniline	10.634	127	119590	20.195	ng		97
34) Hexachlorobutadiene	10.810	225	104024	19.673	ng		96
35) Caprolactam	11.398	113	30655	19.017	ng		97
36) 4-Chloro-3-methylphenol	11.757	107	113577	19.509	ng		99
37) 2-Methylnaphthalene	12.134	142	235596	19.614	ng		97
38) 1-Methylnaphthalene	12.357	142	233145	19.659	ng		99
40) 1,2,4,5-Tetrachloroben...	12.504	216	167836	20.258	ng		99
41) Hexachlorocyclopentadiene	12.487	237	62319	20.245	ng		99
43) 2,4,6-Trichlorophenol	12.751	196	99279	19.524	ng		98

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44) 2,4,5-Trichlorophenol	12.822	196	113362	19.873	ng	97
46) 1,1'-Biphenyl	13.151	154	329223	20.390	ng	100
47) 2-Chloronaphthalene	13.192	162	262614	20.116	ng	99
48) 2-Nitroaniline	13.392	65	70925	19.895	ng	97
49) Acenaphthylene	14.045	152	371151	20.147	ng	100
50) Dimethylphthalate	13.787	163	338551	19.712	ng	100
51) 2,6-Dinitrotoluene	13.898	165	77201	20.173	ng	98
52) Acenaphthene	14.387	154	241219	20.119	ng	97
53) 3-Nitroaniline	14.228	138	66684	19.551	ng	98
54) 2,4-Dinitrophenol	14.439	184	40958	18.266	ng	99
55) Dibenzofuran	14.734	168	405339	20.114	ng	98
56) 4-Nitrophenol	14.551	139	60090	20.241	ng	93
57) 2,4-Dinitrotoluene	14.692	165	105073	19.421	ng	99
58) Fluorene	15.392	166	334549	19.879	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.969	232	108357	19.682	ng	98
60) Diethylphthalate	15.169	149	342156	19.605	ng	99
61) 4-Chlorophenyl-phenyle...	15.386	204	193631	19.763	ng	99
62) 4-Nitroaniline	15.404	138	74787	20.079	ng	98
63) Azobenzene	15.681	77	294453	20.388	ng	99
65) 4,6-Dinitro-2-methylph...	15.481	198	63180	19.606	ng	95
66) n-Nitrosodiphenylamine	15.610	169	281823	20.358	ng	98
67) 4-Bromophenyl-phenylether	16.304	248	130053	20.067	ng	98
68) Hexachlorobenzene	16.416	284	162764	20.143	ng	98
69) Atrazine	16.586	200	112531	22.688	ng	99
70) Pentachlorophenol	16.775	266	106502	19.591	ng	98
71) Phenanthrene	17.175	178	542275	20.319	ng	99
72) Anthracene	17.263	178	525040	20.323	ng	100
73) Carbazole	17.545	167	506968	20.317	ng	99
74) Di-n-butylphthalate	18.139	149	567570	19.367	ng	99
75) Fluoranthene	19.257	202	736641	19.775	ng	99
77) Benzidine	19.457	184	122513	15.404	ng	98
78) Pyrene	19.633	202	776018	19.710	ng	99
80) Butylbenzylphthalate	20.592	149	263501	18.764	ng	99
81) Benzo(a)anthracene	21.539	228	834555	19.956	ng	99
82) 3,3'-Dichlorobenzidine	21.468	252	309796	20.417	ng	100
83) Chrysene	21.610	228	788982	20.037	ng	100
84) Bis(2-ethylhexyl)phtha...	21.480	149	382484	18.558	ng	99
85) Di-n-octyl phthalate	22.745	149	646759	18.476	ng	100
87) Indeno(1,2,3-cd)pyrene	28.598	276	1049010	19.908	ng	99
88) Benzo(b)fluoranthene	23.815	252	926953	19.784	ng	100
89) Benzo(k)fluoranthene	23.886	252	867892	19.573	ng	99
90) Benzo(a)pyrene	24.692	252	796837	19.742	ng	99
91) Dibenzo(a,h)anthracene	28.668	278	859849	19.772	ng	99
92) Benzo(g,h,i)perylene	29.762	276	877800	19.705	ng	98

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

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