Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
Data File : BP021952.D
Acq On : 19 Sep 2024 15:39
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 20 01:03:38 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 :
SSTDICCC040

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	91883	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	358569	20.000	ng	0.00
39) Acenaphthene-d10	14.328	164	261486	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	623363	20.000	ng	0.00
76) Chrysene-d12	21.563	240	722700	20.000	ng	0.00
86) Perylene-d12	24.868	264	853679	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	389338	79.631	ng	0.00
7) Phenol-d6	6.899	99	501038	78.939	ng	0.00
23) Nitrobenzene-d5	8.857	82	531150	78.381	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	377341	77.840	ng	0.00
45) 2-Fluorobiphenyl	12.940	172	1389096	77.547	ng	0.00
79) Terphenyl-d14	19.857	244	3073500	79.888	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	79433	39.126	ng	100
3) Pyridine	3.658	79	214146m	39.556	ng	
4) n-Nitrosodimethylamine	3.564	42	111156	38.916	ng	100
6) Aniline	7.052	93	221825	39.771	ng	100
8) 2-Chlorophenol	7.287	128	209334	40.040	ng	100
9) Benzaldehyde	6.869	77	135235	40.583	ng	100
10) Phenol	6.922	94	248028	39.344	ng	100
11) bis(2-Chloroethyl)ether	7.146	93	185956	39.159	ng	100
12) 1,3-Dichlorobenzene	7.605	146	261026	39.546	ng	100
13) 1,4-Dichlorobenzene	7.752	146	265800	39.708	ng	100
14) 1,2-Dichlorobenzene	8.063	146	256081	39.858	ng	100
15) Benzyl Alcohol	7.952	79	194980	40.056	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.240	45	200622	39.869	ng	100
17) 2-Methylphenol	8.152	107	174344	40.938	ng	100
18) Hexachloroethane	8.787	117	98661	40.084	ng	100
19) n-Nitroso-di-n-propyla...	8.510	70	161371	40.904	ng	100
20) 3+4-Methylphenols	8.475	107	242749	40.378	ng	100
22) Acetophenone	8.528	105	335717	38.381	ng	100
24) Nitrobenzene	8.899	77	270830	39.355	ng	100
25) Isophorone	9.422	82	443343	39.683	ng	100
26) 2-Nitrophenol	9.599	139	120643	40.095	ng	100
27) 2,4-Dimethylphenol	9.663	122	138382	39.718	ng	100
28) bis(2-Chloroethoxy)met...	9.893	93	263786	39.378	ng	100
29) 2,4-Dichlorophenol	10.128	162	240192	40.615	ng	100
30) 1,2,4-Trichlorobenzene	10.346	180	288234	39.129	ng	100
31) Naphthalene	10.522	128	698793	39.056	ng	100
32) Benzoic acid	9.799	122	168297	40.543	ng	100
33) 4-Chloroaniline	10.634	127	260436	40.355	ng	100
34) Hexachlorobutadiene	10.810	225	222266	38.570	ng	100
35) Caprolactam	11.416	113	71229	40.547	ng	100
36) 4-Chloro-3-methylphenol	11.757	107	253885	40.016	ng	100
37) 2-Methylnaphthalene	12.140	142	510764	39.019	ng	100
38) 1-Methylnaphthalene	12.357	142	504782	39.057	ng	100
40) 1,2,4,5-Tetrachloroben...	12.504	216	360163	39.369	ng	100
41) Hexachlorocyclopentadiene	12.487	237	132990	39.124	ng	100
43) 2,4,6-Trichlorophenol	12.751	196	225749	40.203	ng	100

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44) 2,4,5-Trichlorophenol	12.822	196	250435	39.758	ng	100
46) 1,1'-Biphenyl	13.157	154	690851	38.749	ng	100
47) 2-Chloronaphthalene	13.192	162	563410	39.082	ng	100
48) 2-Nitroaniline	13.398	65	165331	41.999	ng	100
49) Acenaphthylene	14.051	152	814562	40.042	ng	100
50) Dimethylphthalate	13.792	163	749365	39.513	ng	100
51) 2,6-Dinitrotoluene	13.898	165	170408	40.324	ng	100
52) Acenaphthene	14.398	154	519791	39.261	ng	100
53) 3-Nitroaniline	14.234	138	156843	41.644	ng	100
54) 2,4-Dinitrophenol	14.445	184	101469	40.980	ng	100
55) Dibenzofuran	14.739	168	871139	39.146	ng	100
56) 4-Nitrophenol	14.551	139	139549	42.568	ng	100
57) 2,4-Dinitrotoluene	14.698	165	244663	40.954	ng	100
58) Fluorene	15.398	166	728823	39.218	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.969	232	239438	39.386	ng	100
60) Diethylphthalate	15.175	149	749704	38.902	ng	100
61) 4-Chlorophenyl-phenyle...	15.392	204	415649	38.417	ng	100
62) 4-Nitroaniline	15.422	138	172306	41.893	ng	100
63) Azobenzene	15.686	77	630156	39.513	ng	100
65) 4,6-Dinitro-2-methylph...	15.486	198	148762	41.172	ng	100
66) n-Nitrosodiphenylamine	15.610	169	622858	40.128	ng	100
67) 4-Bromophenyl-phenylether	16.304	248	283930	39.073	ng	100
68) Hexachlorobenzene	16.422	284	354805	39.163	ng	100
69) Atrazine	16.592	200	200026	35.968	ng	100
70) Pentachlorophenol	16.781	266	247153	40.548	ng	100
71) Phenanthrene	17.180	178	1179021	39.401	ng	100
72) Anthracene	17.269	178	1154033	39.840	ng	100
73) Carbazole	17.551	167	1139775	40.739	ng	100
74) Di-n-butylphthalate	18.145	149	1283452	39.060	ng	100
75) Fluoranthene	19.257	202	1669302	39.967	ng	100
77) Benzidine	19.463	184	583412	66.059	ng	100
78) Pyrene	19.633	202	1756159	40.169	ng	100
80) Butylbenzylphthalate	20.592	149	626172	40.157	ng	100
81) Benzo(a)anthracene	21.545	228	1828509	39.375	ng	100
82) 3,3'-Dichlorobenzidine	21.463	252	719427	42.698	ng	100
83) Chrysene	21.616	228	1714170	39.205	ng	100
84) Bis(2-ethylhexyl)phtha...	21.480	149	881487	38.517	ng	100
85) Di-n-octyl phthalate	22.745	149	1511572	38.888	ng	100
87) Indeno(1,2,3-cd)pyrene	28.627	276	2261800	39.836	ng	100
88) Benzo(b)fluoranthene	23.821	252	2049345	40.591	ng	100
89) Benzo(k)fluoranthene	23.892	252	1871116	39.162	ng	100
90) Benzo(a)pyrene	24.704	252	1749466	40.224	ng	100
91) Dibenzo(a,h)anthracene	28.680	278	1845758	39.389	ng	100
92) Benzo(g,h,i)perylene	29.762	276	1934173	40.294	ng	100

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

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