Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052024\
Data File : BP020430.D
Acq On : 20 May 2024 17:33
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 21 01:40:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 21 01:25:40 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	123124	20.000	ng	0.00
21) Naphthalene-d8	10.357	136	463568	20.000	ng	0.00
39) Acenaphthene-d10	14.257	164	295772	20.000	ng	-0.01
64) Phenanthrene-d10	17.104	188	599726	20.000	ng	0.00
76) Chrysene-d12	21.604	240	622881	20.000	ng	0.00
86) Perylene-d12	24.945	264	695015	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	674343	101.109	ng	0.00
7) Phenol-d6	6.775	99	912137	98.067	ng	0.00
23) Nitrobenzene-d5	8.752	82	972478	100.935	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	394995	102.881	ng	0.00
45) 2-Fluorobiphenyl	12.857	172	2104684	100.332	ng	0.00
79) Terphenyl-d14	19.863	244	3349173	96.162	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	140073	48.572	ng	99
3) Pyridine	3.605	79	350928m	48.222	ng	
4) n-Nitrosodimethylamine	3.528	42	172822	48.930	ng	100
6) Aniline	6.940	93	425533	47.823	ng	97
8) 2-Chlorophenol	7.158	128	361951	48.829	ng	97
9) Benzaldehyde	6.763	77	231390	49.501	ng	98
10) Phenol	6.799	94	456596	48.618	ng	99
11) bis(2-Chloroethyl)ether	7.034	93	364003	49.715	ng	97
12) 1,3-Dichlorobenzene	7.469	146	433911	48.798	ng	98
13) 1,4-Dichlorobenzene	7.622	146	441857	48.411	ng	99
14) 1,2-Dichlorobenzene	7.928	146	422448	48.246	ng	99
15) Benzyl Alcohol	7.840	79	375892	48.946	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.110	45	412476	49.311	ng	100
17) 2-Methylphenol	8.028	107	304992	48.610	ng	98
18) Hexachloroethane	8.628	117	172191	50.352	ng	96
19) n-Nitroso-di-n-propyla...	8.399	70	304488	49.000	ng	98
20) 3+4-Methylphenols	8.363	107	422589	48.397	ng	99
22) Acetophenone	8.416	105	582009	49.838	ng	100
24) Nitrobenzene	8.793	77	476097	49.727	ng	99
25) Isophorone	9.310	82	795620	50.288	ng	99
26) 2-Nitrophenol	9.493	139	202684	52.358	ng	93
27) 2,4-Dimethylphenol	9.552	122	231222	50.166	ng	99
28) bis(2-Chloroethoxy)met...	9.793	93	477241	51.631	ng	100
29) 2,4-Dichlorophenol	10.028	162	345164	50.817	ng	96
30) 1,2,4-Trichlorobenzene	10.222	180	426833	49.533	ng	98
31) Naphthalene	10.410	128	1151809	49.148	ng	99
32) Benzoic acid	9.752	122	243882	48.253	ng	93
33) 4-Chloroaniline	10.551	127	396955	50.199	ng	99
34) Hexachlorobutadiene	10.669	225	303224	50.872	ng	97
35) Caprolactam	11.369	113	99344	50.207	ng	96
36) 4-Chloro-3-methylphenol	11.681	107	388391	49.130	ng	97
37) 2-Methylnaphthalene	12.034	142	790284	49.364	ng	99
38) 1-Methylnaphthalene	12.257	142	777110	49.271	ng	98
40) 1,2,4,5-Tetrachloroben...	12.410	216	480234	50.205	ng	99
41) Hexachlorocyclopentadiene	12.369	237	160066	50.980	ng	97
43) 2,4,6-Trichlorophenol	12.675	196	295629	51.394	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.751	196	322629	51.253	ng	98
46) 1,1'-Biphenyl	13.075	154	1009781	48.924	ng	99
47) 2-Chloronaphthalene	13.116	162	813467	49.230	ng	99
48) 2-Nitroaniline	13.351	65	251574	51.520	ng	98
49) Acenaphthylene	13.975	152	1153504	48.839	ng	100
50) Dimethylphthalate	13.734	163	1001531	50.001	ng	99
51) 2,6-Dinitrotoluene	13.863	165	228856	50.152	ng	97
52) Acenaphthene	14.322	154	729907	49.260	ng	98
53) 3-Nitroaniline	14.204	138	205892	52.674	ng	97
54) 2,4-Dinitrophenol	14.434	184	135455	50.863	ng	98
55) Dibenzofuran	14.675	168	1178199	48.591	ng	99
56) 4-Nitrophenol	14.545	139	150479	58.714	ng	99
57) 2,4-Dinitrotoluene	14.681	165	309001	51.074	ng	94
58) Fluorene	15.339	166	964603	49.365	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.916	232	278459	50.391	ng	99
60) Diethylphthalate	15.128	149	1016458	51.117	ng	100
61) 4-Chlorophenyl-phenyle...	15.339	204	537576	49.938	ng	99
62) 4-Nitroaniline	15.410	138	196613	54.232	ng	99
63) Azobenzene	15.645	77	947057	49.880	ng	99
65) 4,6-Dinitro-2-methylph...	15.463	198	191551	49.158	ng	93
66) n-Nitrosodiphenylamine	15.569	169	799601	49.044	ng	99
67) 4-Bromophenyl-phenylether	16.263	248	339502	50.996	ng	97
68) Hexachlorobenzene	16.369	284	389770	49.487	ng	97
69) Atrazine	16.569	200	248466	50.330	ng	99
70) Pentachlorophenol	16.739	266	245884	53.956	ng	98
71) Phenanthrene	17.151	178	1417010	49.223	ng	100
72) Anthracene	17.239	178	1435054	50.951	ng	99
73) Carbazole	17.545	167	1343148	51.937	ng	99
74) Di-n-butylphthalate	18.133	149	1707842	55.201	ng	100
75) Fluoranthene	19.263	202	1803727	50.979	ng	100
77) Benzidine	19.486	184	403737	54.790	ng	100
78) Pyrene	19.645	202	1874771	47.319	ng	99
80) Butylbenzylphthalate	20.616	149	788382	52.825	ng	98
81) Benzo(a)anthracene	21.580	228	1867330	47.976	ng	100
82) 3,3'-Dichlorobenzidine	21.516	252	656028	50.648	ng	99
83) Chrysene	21.657	228	1790706	47.576	ng	99
84) Bis(2-ethylhexyl)phtha...	21.527	149	1191626	54.990	ng	99
85) Di-n-octyl phthalate	22.810	149	1977431	53.693	ng	99
87) Indeno(1,2,3-cd)pyrene	28.733	276	2286045	49.190	ng	95
88) Benzo(b)fluoranthene	23.886	252	2010821	50.436	ng	100
89) Benzo(k)fluoranthene	23.951	252	1951823	49.411	ng	99
90) Benzo(a)pyrene	24.780	252	1773512	50.572	ng	99
91) Dibenzo(a,h)anthracene	28.821	278	1890558	49.207	ng	99
92) Benzo(g,h,i)perylene	29.903	276	1922228	49.097	ng	99

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

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