Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052424\
Data File : BP020449.D
Acq On : 24 May 2024 11:30
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 25 01:50:00 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 :
SSTDICC010

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	7.775	152	330691	20.000	ng		0.01
21) Naphthalene-d8	10.552	136	1427141	20.000	ng		0.01
39) Acenaphthene-d10	14.404	164	994281	20.000	ng		0.00
64) Phenanthrene-d10	17.216	188	2105559	20.000	ng		0.00
76) Chrysene-d12	21.692	240	1840233	20.000	ng		0.00
86) Perylene-d12	25.074	264	1665284	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	375922	19.887	ng		0.00
7) Phenol-d6	6.934	99	522932	20.007	ng		0.00
23) Nitrobenzene-d5	8.916	82	446366	18.549	ng		0.00
42) 2,4,6-Tribromophenol	15.922	330	201746	19.574	ng		0.00
45) 2-Fluorobiphenyl	13.022	172	1392244	20.611	ng		0.01
79) Terphenyl-d14	19.963	244	2303622	20.703	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	75845	10.056	ng		99
3) Pyridine	3.717	79	209394	9.943	ng		98
4) n-Nitrosodimethylamine	3.634	42	95980	9.844	ng	#	95
6) Aniline	7.111	93	267716	10.072	ng		99
8) 2-Chlorophenol	7.340	128	207890	10.045	ng		99
9) Benzaldehyde	6.928	77	186449	9.938	ng		98
10) Phenol	6.964	94	266524	10.046	ng		100
11) bis(2-Chloroethyl)ether	7.211	93	222230	10.115	ng		98
12) 1,3-Dichlorobenzene	7.664	146	251666	10.286	ng		100
13) 1,4-Dichlorobenzene	7.811	146	253081	10.199	ng		98
14) 1,2-Dichlorobenzene	8.122	146	243182	10.229	ng		99
15) Benzyl Alcohol	8.005	79	192673	10.128	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.293	45	342566m	10.428	ng		
17) 2-Methylphenol	8.199	107	178570	9.923	ng		96
18) Hexachloroethane	8.846	117	88042	9.979	ng		98
19) n-Nitroso-di-n-propyla...	8.563	70	187503	10.543	ng		97
20) 3+4-Methylphenols	8.516	107	248556	10.112	ng		98
22) Acetophenone	8.587	105	363593	10.334	ng	#	99
24) Nitrobenzene	8.963	77	235533	9.541	ng		98
25) Isophorone	9.481	82	533898	10.405	ng		99
26) 2-Nitrophenol	9.669	139	64893	9.638	ng		97
27) 2,4-Dimethylphenol	9.722	122	158754	10.299	ng		99
28) bis(2-Chloroethoxy)met...	9.963	93	320153	10.254	ng		99
29) 2,4-Dichlorophenol	10.187	162	198971	9.681	ng		98
30) 1,2,4-Trichlorobenzene	10.416	180	244907	10.025	ng		98
31) Naphthalene	10.599	128	741828	10.196	ng		99
32) Benzoic acid	9.793	122	69915m	9.633	ng		
33) 4-Chloroaniline	10.710	127	290356	10.330	ng		99
34) Hexachlorobutadiene	10.881	225	150728	9.943	ng		100
35) Caprolactam	11.457	113	76498	10.713	ng		95
36) 4-Chloro-3-methylphenol	11.822	107	236927	10.133	ng		99
37) 2-Methylnaphthalene	12.216	142	534357	10.338	ng		98
38) 1-Methylnaphthalene	12.434	142	531293	10.435	ng		100
40) 1,2,4,5-Tetrachloroben...	12.581	216	279994	9.670	ng		99
41) Hexachlorocyclopentadiene	12.563	237	92671	9.108	ng		98
43) 2,4,6-Trichlorophenol	12.816	196	163328	9.354	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	177458	9.239	ng		97
46) 1,1'-Biphenyl	13.234	154	716694	10.101	ng		100
47) 2-Chloronaphthalene	13.269	162	565488	10.099	ng		98
48) 2-Nitroaniline	13.469	65	103938	10.373	ng		99
49) Acenaphthylene	14.128	152	847559	10.150	ng		100
50) Dimethylphthalate	13.863	163	703068	10.262	ng		100
51) 2,6-Dinitrotoluene	13.975	165	115878	8.779	ng		94
52) Acenaphthene	14.469	154	544909m	10.071	ng		
53) 3-Nitroaniline	14.298	138	117549	9.097	ng	#	98
54) 2,4-Dinitrophenol	14.510	184	26729	8.932	ng		98
55) Dibenzofuran	14.816	168	847731	10.334	ng		99
56) 4-Nitrophenol	14.604	139	89854	8.417	ng		95
57) 2,4-Dinitrotoluene	14.769	165	137142	10.560	ng		92
58) Fluorene	15.481	166	711406	10.783	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.034	232	157799	9.983	ng		97
60) Diethylphthalate	15.257	149	739343	10.592	ng		99
61) 4-Chlorophenyl-phenyle...	15.475	204	359496	10.561	ng		97
62) 4-Nitroaniline	15.487	138	123379	9.430	ng		94
63) Azobenzene	15.775	77	688865	10.550	ng		99
65) 4,6-Dinitro-2-methylph...	15.545	198	43153	9.835	ng		93
66) n-Nitrosodiphenylamine	15.693	169	607359	10.087	ng		100
67) 4-Bromophenyl-phenylether	16.398	248	220588	9.900	ng		97
68) Hexachlorobenzene	16.492	284	252317	9.812	ng		96
69) Atrazine	16.681	200	222124	10.598	ng		98
70) Pentachlorophenol	16.845	266	129264	9.076	ng		98
71) Phenanthrene	17.257	178	1069579	10.296	ng		99
72) Anthracene	17.357	178	1075069	10.437	ng		100
73) Carbazole	17.639	167	1048215	10.750	ng		100
74) Di-n-butylphthalate	18.251	149	1321481	10.745	ng		100
75) Fluoranthene	19.357	202	1334035	11.014	ng		99
77) Benzidine	19.557	184	498997	9.169	ng		99
78) Pyrene	19.733	202	1372020	9.860	ng		99
80) Butylbenzylphthalate	20.704	149	488392	9.594	ng		99
81) Benzo(a)anthracene	21.675	228	1236301	10.179	ng		100
82) 3,3'-Dichlorobenzidine	21.598	252	372232	9.699	ng		98
83) Chrysene	21.739	228	1142642	10.024	ng		99
84) Bis(2-ethylhexyl)phtha...	21.639	149	789490	9.995	ng		99
85) Di-n-octyl phthalate	22.951	149	1116114	9.225	ng		99
87) Indeno(1,2,3-cd)pyrene	28.909	276	929269m	8.565	ng		
88) Benzo(b)fluoranthene	24.004	252	1054065	10.477	ng		98
89) Benzo(k)fluoranthene	24.074	252	1029741	10.588	ng		99
90) Benzo(a)pyrene	24.910	252	857355	9.844	ng		99
91) Dibenzo(a,h)anthracene	29.015	278	759700	8.438	ng		98
92) Benzo(g,h,i)perylene	30.080	276	780921	8.637	ng		100

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

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