Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052024\
Data File : BP020427.D
Acq On : 20 May 2024 14:37
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 21 01:35:32 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 :
SSTDICC010

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	105602	20.000	ng		0.00
21) Naphthalene-d8	10.363	136	407936	20.000	ng		0.00
39) Acenaphthene-d10	14.263	164	253919	20.000	ng		0.00
64) Phenanthrene-d10	17.104	188	496365	20.000	ng		0.00
76) Chrysene-d12	21.598	240	478979	20.000	ng		0.00
86) Perylene-d12	24.939	264	556027	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.228	112	106512	18.620	ng		0.01
7) Phenol-d6	6.787	99	151519	18.993	ng		0.01
23) Nitrobenzene-d5	8.758	82	168092	19.826	ng		0.00
42) 2,4,6-Tribromophenol	15.816	330	61268	18.588	ng		0.00
45) 2-Fluorobiphenyl	12.863	172	360073	19.994	ng		0.00
79) Terphenyl-d14	19.875	244	496217	18.528	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.223	88	25259	10.212	ng		98
3) Pyridine	3.623	79	58947	9.444	ng		95
4) n-Nitrosodimethylamine	3.540	42	29752	9.821	ng	#	86
6) Aniline	6.940	93	73111	9.580	ng		99
8) 2-Chlorophenol	7.163	128	61541	9.680	ng		98
9) Benzaldehyde	6.775	77	53233	9.564	ng		94
10) Phenol	6.811	94	77663	9.642	ng		94
11) bis(2-Chloroethyl)ether	7.040	93	57666	9.183	ng		97
12) 1,3-Dichlorobenzene	7.481	146	74983	9.832	ng		99
13) 1,4-Dichlorobenzene	7.622	146	77566	9.908	ng		98
14) 1,2-Dichlorobenzene	7.928	146	74948	9.980	ng		99
15) Benzyl Alcohol	7.858	79	60971	9.257	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.116	45	70164	9.780	ng		94
17) 2-Methylphenol	8.046	107	53356	9.915	ng		98
18) Hexachloroethane	8.634	117	29001	9.888	ng		96
19) n-Nitroso-di-n-propyla...	8.405	70	51702	9.701	ng	#	93
20) 3+4-Methylphenols	8.381	107	71016	9.483	ng		95
22) Acetophenone	8.428	105	101293	9.857	ng	#	97
24) Nitrobenzene	8.799	77	83248	9.881	ng		98
25) Isophorone	9.316	82	128034	9.196	ng		99
26) 2-Nitrophenol	9.505	139	30297	8.894	ng	#	84
27) 2,4-Dimethylphenol	9.569	122	36278	8.944	ng		98
28) bis(2-Chloroethoxy)met...	9.805	93	78571	9.660	ng		95
29) 2,4-Dichlorophenol	10.063	162	54382	9.098	ng		97
30) 1,2,4-Trichlorobenzene	10.228	180	75533	9.961	ng		97
31) Naphthalene	10.416	128	200797	9.737	ng		99
32) Benzoic acid	9.705	122	26782m	8.718	ng		
33) 4-Chloroaniline	10.569	127	63056	9.062	ng		99
34) Hexachlorobutadiene	10.663	225	51990	9.912	ng		99
35) Caprolactam	11.381	113	13479m	7.741	ng		
36) 4-Chloro-3-methylphenol	11.693	107	61633	8.860	ng		92
37) 2-Methylnaphthalene	12.040	142	134434	9.542	ng		99
38) 1-Methylnaphthalene	12.263	142	131162	9.450	ng		100
40) 1,2,4,5-Tetrachloroben...	12.416	216	82197	10.009	ng		100
41) Hexachlorocyclopentadiene	12.363	237	16273	10.473	ng		98
43) 2,4,6-Trichlorophenol	12.687	196	46276	9.371	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.775	196	48048	8.891	ng		97
46)	1,1'-Biphenyl	13.075	154	175376	9.897	ng		100
47)	2-Chloronaphthalene	13.122	162	141271	9.959	ng		98
48)	2-Nitroaniline	13.375	65	36733	8.763	ng		92
49)	Acenaphthylene	13.987	152	198563	9.793	ng		99
50)	Dimethylphthalate	13.734	163	164930	9.591	ng		100
51)	2,6-Dinitrotoluene	13.875	165	36375	9.285	ng		96
52)	Acenaphthene	14.328	154	127204	10.000	ng		98
53)	3-Nitroaniline	14.234	138	28077	8.367	ng		93
54)	2,4-Dinitrophenol	14.481	184	13432	9.156	ng		95
55)	Dibenzofuran	14.675	168	204017	9.801	ng		95
56)	4-Nitrophenol	14.622	139	6747	3.066	ng		90
57)	2,4-Dinitrotoluene	14.698	165	45041	8.672	ng		97
58)	Fluorene	15.340	166	158359	9.440	ng		99
59)	2,3,4,6-Tetrachlorophenol	14.928	232	42894	9.042	ng		98
60)	Diethylphthalate	15.128	149	157913	9.250	ng		99
61)	4-Chlorophenyl-phenyle...	15.345	204	89368	9.670	ng		97
62)	4-Nitroaniline	15.440	138	24521m	7.879	ng		
63)	Azobenzene	15.645	77	151490	9.294	ng		97
65)	4,6-Dinitro-2-methylph...	15.487	198	21204	10.369	ng		94
66)	n-Nitrosodiphenylamine	15.575	169	130133	9.644	ng		99
67)	4-Bromophenyl-phenylether	16.269	248	53333	9.679	ng		99
68)	Hexachlorobenzene	16.375	284	63807	9.788	ng		94
69)	Atrazine	16.587	200	41555	10.170	ng		98
70)	Pentachlorophenol	16.763	266	33304	8.830	ng		92
71)	Phenanthrene	17.157	178	235318	9.877	ng		99
72)	Anthracene	17.257	178	224521	9.632	ng		99
73)	Carbazole	17.563	167	201197	9.400	ng		99
74)	Di-n-butylphthalate	18.145	149	229361	8.957	ng		99
75)	Fluoranthene	19.275	202	271967	9.287	ng		98
77)	Benzidine	19.522	184	51689m	9.122	ng		
78)	Pyrene	19.657	202	284753	9.346	ng		98
80)	Butylbenzylphthalate	20.616	149	97067	8.458	ng		97
81)	Benzo(a)anthracene	21.580	228	289002	9.656	ng		99
82)	3,3'-Dichlorobenzidine	21.522	252	92606	9.298	ng	#	96
83)	Chrysene	21.645	228	279182	9.646	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.527	149	144033	8.644	ng		100
85)	Di-n-octyl phthalate	22.810	149	237331	8.380	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.745	276	366657	9.862	ng	#	66
88)	Benzo(b)fluoranthene	23.886	252	299463	9.389	ng		98
89)	Benzo(k)fluoranthene	23.963	252	295990	9.366	ng		100
90)	Benzo(a)pyrene	24.786	252	263782	9.402	ng		97
91)	Dibenzo(a,h)anthracene	28.821	278	302434	9.839	ng		96
92)	Benzo(g,h,i)perylene	29.915	276	312164	9.966	ng		100

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

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