

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090624\
 Data File : BP021851.D
 Acq On : 06 Sep 2024 13:59
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/07/2024

Supervised By :mohammad ahmed 09/07/2024

Quant Time: Sep 06 23:45:18 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Sep 06 23:39:07 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	238341	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	984391	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	668588	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	1473751	20.000	ng	0.00
76) Chrysene-d12	21.610	240	1447823	20.000	ng	0.00
86) Perylene-d12	24.951	264	1660849	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	686058	40.505	ng	0.00
7) Phenol-d6	6.940	99	953246	42.275	ng	0.00
23) Nitrobenzene-d5	8.910	82	883753	41.792	ng	0.00
42) 2,4,6-Tribromophenol	15.892	330	323019	40.765	ng	0.00
45) 2-Fluorobiphenyl	12.993	172	1710612	40.996	ng	0.00
79) Terphenyl-d14	19.892	244	2892664	41.015	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	151057	20.012	ng	98
3) Pyridine	3.705	79	410366	20.117	ng	99
4) n-Nitrosodimethylamine	3.605	42	137903	20.014	ng	95
6) Aniline	7.093	93	442228	21.798	ng	99
8) 2-Chlorophenol	7.334	128	327357	20.727	ng	97
9) Benzaldehyde	6.911	77	292380	22.350	ng	99
10) Phenol	6.969	94	476953	21.040	ng	99
11) bis(2-Chloroethyl)ether	7.187	93	375758	20.844	ng	99
12) 1,3-Dichlorobenzene	7.652	146	363476	20.713	ng	98
13) 1,4-Dichlorobenzene	7.799	146	370931	20.942	ng	99
14) 1,2-Dichlorobenzene	8.116	146	355949	21.062	ng	98
15) Benzyl Alcohol	7.999	79	319399	20.654	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.287	45	349876	21.234	ng	99
17) 2-Methylphenol	8.199	107	312088	20.979	ng	99
18) Hexachloroethane	8.834	117	150297	20.641	ng	97
19) n-Nitroso-di-n-propyla...	8.563	70	275531	21.488	ng	99
20) 3+4-Methylphenols	8.528	107	436187	21.053	ng	100
22) Acetophenone	8.575	105	604218	20.770	ng	# 99
24) Nitrobenzene	8.952	77	454038	21.225	ng	100
25) Isophorone	9.475	82	785443	21.359	ng	100
26) 2-Nitrophenol	9.658	139	157109	20.333	ng	98
27) 2,4-Dimethylphenol	9.722	122	223557	21.147	ng	98
28) bis(2-Chloroethoxy)met...	9.946	93	509728	21.023	ng	99
29) 2,4-Dichlorophenol	10.193	162	291098	20.482	ng	98
30) 1,2,4-Trichlorobenzene	10.405	180	329620	20.342	ng	100
31) Naphthalene	10.587	128	1061960	20.671	ng	99
32) Benzoic acid	9.805	122	110217m	18.710	ng	
33) 4-Chloroaniline	10.693	127	403769	21.134	ng	99
34) Hexachlorobutadiene	10.875	225	204979	20.379	ng	99
35) Caprolactam	11.475	113	129190	21.279	ng	99
36) 4-Chloro-3-methylphenol	11.822	107	409219	20.638	ng	95
37) 2-Methylnaphthalene	12.193	142	708462	21.047	ng	99
38) 1-Methylnaphthalene	12.416	142	712335	20.350	ng	99
40) 1,2,4,5-Tetrachloroben...	12.563	216	364804	19.948	ng	99
41) Hexachlorocyclopentadiene	12.546	237	96297	19.247	ng	97
43) 2,4,6-Trichlorophenol	12.804	196	242491	19.864	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	274912	19.890	ng	99
46) 1,1'-Biphenyl	13.210	154	947317	20.384	ng	99
47) 2-Chloronaphthalene	13.251	162	737733	20.299	ng	99
48) 2-Nitroaniline	13.451	65	248508	20.663	ng	96
49) Acenaphthylene	14.098	152	1099196	20.554	ng	100
50) Dimethylphthalate	13.834	163	947203	20.653	ng	98
51) 2,6-Dinitrotoluene	13.951	165	205820	20.322	ng	98
52) Acenaphthene	14.445	154	699780	20.348	ng	99
53) 3-Nitroaniline	14.281	138	216424	20.623	ng	100
54) 2,4-Dinitrophenol	14.493	184	54630	19.356	ng	97
55) Dibenzofuran	14.787	168	1127706	20.562	ng	97
56) 4-Nitrophenol	14.604	139	185338	20.341	ng	97
57) 2,4-Dinitrotoluene	14.745	165	282400	20.348	ng	98
58) Fluorene	15.440	166	930558	21.169	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	245680	20.447	ng	99
60) Diethylphthalate	15.210	149	959475	20.664	ng	100
61) 4-Chlorophenyl-phenyle...	15.440	204	446601	20.800	ng	98
62) 4-Nitroaniline	15.457	138	229959	20.871	ng	99
63) Azobenzene	15.734	77	1061693	20.971	ng	99
65) 4,6-Dinitro-2-methylph...	15.516	198	119241	19.483	ng	92
66) n-Nitrosodiphenylamine	15.651	169	797182	20.782	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	278009	20.142	ng	96
68) Hexachlorobenzene	16.469	284	332939	20.142	ng	92
69) Atrazine	16.634	200	222966	23.132	ng	96
70) Pentachlorophenol	16.816	266	225779	20.178	ng	98
71) Phenanthrene	17.222	178	1461206	20.451	ng	100
72) Anthracene	17.310	178	1424949	20.725	ng	100
73) Carbazole	17.592	167	1446409	20.654	ng	99
74) Di-n-butylphthalate	18.186	149	1639709	20.457	ng	100
75) Fluoranthene	19.298	202	1843156	20.700	ng	99
77) Benzidine	19.498	184	493545	18.494	ng	99
78) Pyrene	19.675	202	1967921	20.604	ng	99
80) Butylbenzylphthalate	20.622	149	775477	20.176	ng	96
81) Benzo(a)anthracene	21.592	228	1898169	20.744	ng	99
82) 3,3'-Dichlorobenzidine	21.510	252	636358	20.579	ng	100
83) Chrysene	21.657	228	1808100	20.790	ng	99
84) Bis(2-ethylhexyl)phtha...	21.527	149	1092934	19.936	ng	99
85) Di-n-octyl phthalate	22.798	149	1788126	19.696	ng	100
87) Indeno(1,2,3-cd)pyrene	28.745	276	2116778	19.871	ng	98
88) Benzo(b)fluoranthene	23.892	252	1935032	20.342	ng	99
89) Benzo(k)fluoranthene	23.957	252	1953067	21.373	ng	99
90) Benzo(a)pyrene	24.792	252	1694491	20.817	ng	99
91) Dibenzo(a,h)anthracene	28.804	278	1748991	19.946	ng	100
92) Benzo(g,h,i)perylene	29.909	276	1788763	19.582	ng	99

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

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