

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030623\
 Data File : BP013954.D
 Acq On : 06 Mar 2023 12:55
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2023
 Supervised By :Jagrut Upadhyay 03/07/2023

Quant Time: Mar 07 03:12:17 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Mar 07 03:05:44 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	146509	20.000	ng	0.00
21) Naphthalene-d8	10.910	136	568197	20.000	ng	0.00
39) Acenaphthene-d10	14.728	164	379709	20.000	ng	0.00
64) Phenanthrene-d10	17.481	188	837584	20.000	ng	0.00
76) Chrysene-d12	21.557	240	730643	20.000	ng	0.00
86) Perylene-d12	24.098	264	648176	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	374621	41.468	ng	0.00
7) Phenol-d6	7.240	99	504325	42.520	ng	0.00
23) Nitrobenzene-d5	9.263	82	523190	42.085	ng	0.00
42) 2,4,6-Tribromophenol	16.216	330	264084	42.896	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	1244087	42.449	ng	0.00
79) Terphenyl-d14	20.016	244	1925232	43.449	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.475	88	80187	20.432	ng	98
3) Pyridine	3.893	79	225715	21.733	ng	98
4) n-Nitrosodimethylamine	3.799	42	98334	20.326	ng	97
6) Aniline	7.405	93	334527	21.471	ng	99
8) 2-Chlorophenol	7.646	128	203417	21.023	ng	97
9) Benzaldehyde	7.222	77	128460	21.642	ng	97
10) Phenol	7.263	94	260460	21.099	ng	99
11) bis(2-Chloroethyl)ether	7.505	93	210396	21.526	ng	98
12) 1,3-Dichlorobenzene	7.975	146	224746	21.137	ng	99
13) 1,4-Dichlorobenzene	8.122	146	227004	21.104	ng	99
14) 1,2-Dichlorobenzene	8.446	146	218464	21.204	ng	98
15) Benzyl Alcohol	8.328	79	208770	21.588	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.622	45	235514	22.214	ng	99
17) 2-Methylphenol	8.528	107	190678	21.658	ng	99
18) Hexachloroethane	9.181	117	84685	20.957	ng	99
19) n-Nitroso-di-n-propyla...	8.899	70	182532	23.381	ng	99
20) 3+4-Methylphenols	8.858	107	263885	22.256	ng	98
22) Acetophenone	8.916	105	342116	21.466	ng	99
24) Nitrobenzene	9.305	77	269478	21.185	ng	99
25) Isophorone	9.834	82	504268	22.014	ng	99
26) 2-Nitrophenol	10.022	139	117663	21.266	ng	96
27) 2,4-Dimethylphenol	10.069	122	194507	21.621	ng	97
28) bis(2-Chloroethoxy)met...	10.310	93	293828	22.162	ng	98
29) 2,4-Dichlorophenol	10.557	162	209871	21.311	ng	99
30) 1,2,4-Trichlorobenzene	10.769	180	233180	20.856	ng	99
31) Naphthalene	10.963	128	665828	21.326	ng	99
32) Benzoic acid	10.199	122	142255m	21.127	ng	
33) 4-Chloroaniline	11.075	127	296021	22.117	ng	99
34) Hexachlorobutadiene	11.240	225	166817	20.522	ng	98
35) Caprolactam	11.857	113	64165	22.763	ng	94
36) 4-Chloro-3-methylphenol	12.181	107	241904	22.025	ng	99
37) 2-Methylnaphthalene	12.563	142	497876	21.615	ng	98
38) 1-Methylnaphthalene	12.781	142	466511	21.727	ng	100
40) 1,2,4,5-Tetrachloroben...	12.922	216	292391	20.202	ng	99
41) Hexachlorocyclopentadiene	12.898	237	169249	18.633	ng	98
43) 2,4,6-Trichlorophenol	13.163	196	192088	20.996	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.234	196	226881	21.401	ng	98
46) 1,1'-Biphenyl	13.563	154	647771	21.194	ng	100
47) 2-Chloronaphthalene	13.604	162	496903	21.119	ng	99
48) 2-Nitroaniline	13.810	65	152762	21.394	ng	97
49) Acenaphthylene	14.451	152	792697	21.186	ng	100
50) Dimethylphthalate	14.175	163	675843	21.575	ng	99
51) 2,6-Dinitrotoluene	14.298	165	142754	21.640	ng	99
52) Acenaphthene	14.793	154	473502	21.022	ng	100
53) 3-Nitroaniline	14.634	138	139130	21.520	ng	97
54) 2,4-Dinitrophenol	14.834	184	89135	20.601	ng	97
55) Dibenzofuran	15.122	168	792985	21.596	ng	99
56) 4-Nitrophenol	14.934	139	110831	21.053	ng	96
57) 2,4-Dinitrotoluene	15.087	165	193200	21.910	ng	97
58) Fluorene	15.775	166	628823	21.567	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.345	232	197490	21.354	ng	100
60) Diethylphthalate	15.534	149	685141	22.152	ng	98
61) 4-Chlorophenyl-phenyle...	15.763	204	351701	21.278	ng	98
62) 4-Nitroaniline	15.792	138	142695	22.193	ng	96
63) Azobenzene	16.057	77	630113	22.017	ng	98
65) 4,6-Dinitro-2-methylph...	15.851	198	127371	20.531	ng	96
66) n-Nitrosodiphenylamine	15.975	169	564294	21.321	ng	99
67) 4-Bromophenyl-phenylether	16.657	248	233551	21.080	ng	97
68) Hexachlorobenzene	16.781	284	245945	20.710	ng	100
69) Atrazine	16.928	200	199228	21.440	ng	98
70) Pentachlorophenol	17.128	266	176452	20.602	ng	97
71) Phenanthrene	17.522	178	989010	21.137	ng	99
72) Anthracene	17.616	178	1005980	21.041	ng	99
73) Carbazole	17.881	167	871280	21.126	ng	99
74) Di-n-butylphthalate	18.410	149	1102205	21.375	ng	100
75) Fluoranthene	19.475	202	1173608	20.984	ng	100
77) Benzidine	19.651	184	269552	18.412	ng	100
78) Pyrene	19.828	202	1204673	21.482	ng	100
80) Butylbenzylphthalate	20.680	149	453761	21.343	ng	97
81) Benzo(a)anthracene	21.539	228	1130296	21.084	ng	100
82) 3,3'-Dichlorobenzidine	21.463	252	365359	21.299	ng	99
83) Chrysene	21.598	228	1067485	21.026	ng	99
84) Bis(2-ethylhexyl)phtha...	21.433	149	644542	20.665	ng	98
85) Di-n-octyl phthalate	22.404	149	951668	18.797	ng	100
87) Indeno(1,2,3-cd)pyrene	26.768	276	941397	18.797	ng	99
88) Benzo(b)fluoranthene	23.316	252	901931	21.251	ng	99
89) Benzo(k)fluoranthene	23.369	252	942701	22.324	ng	99
90) Benzo(a)pyrene	23.986	252	855678	21.137	ng	99
91) Dibenzo(a,h)anthracene	26.792	278	787113	18.904	ng	99
92) Benzo(g,h,i)perylene	27.598	276	760201	18.424	ng	98

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

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