

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
 Data File : BP021953.D
 Acq On : 19 Sep 2024 16:21
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 01:04:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 00:59:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	94408	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	358095	20.000	ng	0.00
39) Acenaphthene-d10	14.334	164	272691	20.000	ng	0.00
64) Phenanthrene-d10	17.128	188	657917	20.000	ng	-0.01
76) Chrysene-d12	21.569	240	730708	20.000	ng	0.00
86) Perylene-d12	24.863	264	828238	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	482183	95.983	ng	0.00
7) Phenol-d6	6.893	99	635268	97.410	ng	0.00
23) Nitrobenzene-d5	8.852	82	677878	100.165	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	514730	101.818	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	1811829	96.991	ng	0.00
79) Terphenyl-d14	19.857	244	3863171	99.313	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.258	88	100790	48.317	ng	99
3) Pyridine	3.652	79	266980m	47.996	ng	
4) n-Nitrosodimethylamine	3.558	42	139393	47.497	ng	99
6) Aniline	7.052	93	279629	48.794	ng	99
8) 2-Chlorophenol	7.287	128	260680	48.528	ng	97
9) Benzaldehyde	6.863	77	157473	45.992	ng	97
10) Phenol	6.922	94	317527	49.021	ng	97
11) bis(2-Chloroethyl)ether	7.146	93	237528	48.682	ng	99
12) 1,3-Dichlorobenzene	7.605	146	325382	47.978	ng	99
13) 1,4-Dichlorobenzene	7.752	146	329567	47.917	ng	99
14) 1,2-Dichlorobenzene	8.063	146	312971	47.410	ng	97
15) Benzyl Alcohol	7.946	79	256977	51.380	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.234	45	253754	49.079	ng	99
17) 2-Methylphenol	8.152	107	220079	50.295	ng	99
18) Hexachloroethane	8.781	117	121506	48.045	ng	97
19) n-Nitroso-di-n-propyla...	8.510	70	207155	51.105	ng	98
20) 3+4-Methylphenols	8.475	107	312897	50.654	ng	99
22) Acetophenone	8.522	105	431686	49.418	ng	# 99
24) Nitrobenzene	8.893	77	339853	49.451	ng	98
25) Isophorone	9.416	82	567201	50.836	ng	99
26) 2-Nitrophenol	9.599	139	156532	52.091	ng	95
27) 2,4-Dimethylphenol	9.663	122	175249	50.366	ng	98
28) bis(2-Chloroethoxy)met...	9.893	93	332782	49.744	ng	99
29) 2,4-Dichlorophenol	10.128	162	297003	50.288	ng	96
30) 1,2,4-Trichlorobenzene	10.340	180	359447	48.861	ng	99
31) Naphthalene	10.522	128	874430	48.938	ng	99
32) Benzoic acid	9.810	122	223399	53.888	ng	97
33) 4-Chloroaniline	10.634	127	325483	50.501	ng	98
34) Hexachlorobutadiene	10.810	225	278017	48.309	ng	97
35) Caprolactam	11.422	113	91755	52.301	ng	96
36) 4-Chloro-3-methylphenol	11.757	107	332888	52.537	ng	98
37) 2-Methylnaphthalene	12.134	142	664671	50.843	ng	99
38) 1-Methylnaphthalene	12.357	142	652712	50.570	ng	99
40) 1,2,4,5-Tetrachloroben...	12.510	216	465359	48.777	ng	99
41) Hexachlorocyclopentadiene	12.487	237	175212	49.428	ng	100
43) 2,4,6-Trichlorophenol	12.746	196	299577	51.159	ng	98

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44) 2,4,5-Trichlorophenol	12.822	196	338173	51.480	ng	97
46) 1,1'-Biphenyl	13.151	154	905360	48.693	ng	99
47) 2-Chloronaphthalene	13.193	162	734381	48.848	ng	99
48) 2-Nitroaniline	13.398	65	214843	52.334	ng	96
49) Acenaphthylene	14.051	152	1069460	50.413	ng	99
50) Dimethylphthalate	13.787	163	977906	49.445	ng	99
51) 2,6-Dinitrotoluene	13.904	165	222759	50.546	ng	99
52) Acenaphthene	14.404	154	687465	49.792	ng	99
53) 3-Nitroaniline	14.234	138	205248	52.257	ng	95
54) 2,4-Dinitrophenol	14.445	184	138077	53.474	ng	98
55) Dibenzofuran	14.740	168	1131423	48.753	ng	99
56) 4-Nitrophenol	14.551	139	182941	53.511	ng	98
57) 2,4-Dinitrotoluene	14.704	165	322666	51.791	ng	98
58) Fluorene	15.404	166	946566	48.842	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.969	232	319659	50.421	ng	100
60) Diethylphthalate	15.169	149	996073	49.562	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	548307	48.596	ng	98
62) 4-Nitroaniline	15.422	138	223837	52.185	ng	97
63) Azobenzene	15.698	77	827235	49.739	ng	100
65) 4,6-Dinitro-2-methylph...	15.475	198	198517	52.057	ng	99
66) n-Nitrosodiphenylamine	15.616	169	802754	49.002	ng	98
67) 4-Bromophenyl-phenylether	16.304	248	375951	49.019	ng	97
68) Hexachlorobenzene	16.428	284	464673	48.596	ng	98
69) Atrazine	16.586	200	273356	46.573	ng	97
70) Pentachlorophenol	16.775	266	329911	51.283	ng	98
71) Phenanthrene	17.175	178	1548998	49.046	ng	99
72) Anthracene	17.269	178	1506985	49.292	ng	100
73) Carbazole	17.551	167	1444504	48.920	ng	99
74) Di-n-butylphthalate	18.139	149	1717295	49.518	ng	99
75) Fluoranthene	19.257	202	2144249	48.642	ng	100
77) Benzidine	19.457	184	367113	41.112	ng	99
78) Pyrene	19.633	202	2259535	51.117	ng	99
80) Butylbenzylphthalate	20.592	149	799959	50.740	ng	97
81) Benzo(a)anthracene	21.545	228	2310902	49.217	ng	99
82) 3,3'-Dichlorobenzidine	21.463	252	830014	48.722	ng	100
83) Chrysene	21.616	228	2167216	49.023	ng	99
84) Bis(2-ethylhexyl)phtha...	21.486	149	1151176	49.750	ng	99
85) Di-n-octyl phthalate	22.739	149	1927257	49.039	ng	100
87) Indeno(1,2,3-cd)pyrene	28.609	276	2705874	49.121	ng	93
88) Benzo(b)fluoranthene	23.816	252	2463331	50.290	ng	99
89) Benzo(k)fluoranthene	23.880	252	2337252	50.421	ng	98
90) Benzo(a)pyrene	24.710	252	2141939	50.761	ng	99
91) Dibenzo(a,h)anthracene	28.680	278	2191264	48.198	ng	98
92) Benzo(g,h,i)perylene	29.774	276	2308208	49.564	ng	100

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

