

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091024\
 Data File : BP021872.D
 Acq On : 10 Sep 2024 11:35
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
 Supervised By :mohammad ahmed 09/12/2024

Quant Time: Sep 10 16:40:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 16:24:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	112147	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	476230	20.000	ng	# 0.00
39) Acenaphthene-d10	14.381	164	333716	20.000	ng	0.00
64) Phenanthrene-d10	17.181	188	1037727	20.000	ng	0.01
76) Chrysene-d12	21.621	240	1105172	20.000	ng	0.00
86) Perylene-d12	24.957	264	1311293	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	150770	19.412	ng	0.00
7) Phenol-d6	6.934	99	203994	19.409	ng	0.00
23) Nitrobenzene-d5	8.905	82	200113	19.036	ng	0.00
42) 2,4,6-Tribromophenol	15.892	330	78440	21.152	ng	0.00
45) 2-Fluorobiphenyl	12.993	172	417320	20.568	ng	0.00
79) Terphenyl-d14	19.892	244	1037791	20.054	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.299	88	51796	13.128	ng	96
3) Pyridine	3.699	79	132352	12.960	ng	99
4) n-Nitrosodimethylamine	3.605	42	51023	13.242	ng	89
6) Aniline	7.093	93	93584	10.168	ng	99
8) 2-Chlorophenol	7.334	128	71948	10.068	ng	96
9) Benzaldehyde	6.910	77	64349	11.580	ng	99
10) Phenol	6.963	94	103474	9.691	ng	96
11) bis(2-Chloroethyl)ether	7.187	93	79821	9.718	ng	99
12) 1,3-Dichlorobenzene	7.652	146	82964	10.020	ng	98
13) 1,4-Dichlorobenzene	7.793	146	84958	10.120	ng	96
14) 1,2-Dichlorobenzene	8.110	146	79869	9.528	ng	92
15) Benzyl Alcohol	7.999	79	70940	9.085	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.287	45	74130	8.767	ng	97
17) 2-Methylphenol	8.199	107	67049	8.887	ng	95
18) Hexachloroethane	8.834	117	36249	10.361	ng	95
19) n-Nitroso-di-n-propyla...	8.552	70	58855	8.947	ng	93
20) 3+4-Methylphenols	8.522	107	90802	8.735	ng	94
22) Acetophenone	8.575	105	140948	9.587	ng	# 97
24) Nitrobenzene	8.946	77	102850	9.870	ng	99
25) Isophorone	9.469	82	166205	9.109	ng	98
26) 2-Nitrophenol	9.652	139	31567	8.710	ng	91
27) 2,4-Dimethylphenol	9.710	122	48531	9.330	ng	88
28) bis(2-Chloroethoxy)met...	9.940	93	111651	9.419	ng	97
29) 2,4-Dichlorophenol	10.187	162	62488	9.236	ng	98
30) 1,2,4-Trichlorobenzene	10.399	180	77593	9.969	ng	98
31) Naphthalene	10.587	128	254357	10.197	ng	100
32) Benzoic acid	9.799	122	50381m	8.724	ng	
33) 4-Chloroaniline	10.687	127	90482	9.888	ng	98
34) Hexachlorobutadiene	10.869	225	50340	10.419	ng	98
35) Caprolactam	11.457	113	24715	8.797	ng	93
36) 4-Chloro-3-methylphenol	11.816	107	92511	9.465	ng	95
37) 2-Methylnaphthalene	12.193	142	161979	9.706	ng	96
38) 1-Methylnaphthalene	12.410	142	164650	9.881	ng	95
40) 1,2,4,5-Tetrachloroben...	12.563	216	86086	9.991	ng	97
41) Hexachlorocyclopentadiene	12.546	237	27592	9.925	ng	99
43) 2,4,6-Trichlorophenol	12.804	196	52244	9.433	ng	99

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44) 2,4,5-Trichlorophenol	12.881	196	61962	9.622	ng	93
46) 1,1'-Biphenyl	13.210	154	230278	9.893	ng	97
47) 2-Chloronaphthalene	13.245	162	178945	9.890	ng	98
48) 2-Nitroaniline	13.451	65	55461	8.792	ng	95
49) Acenaphthylene	14.104	152	261637	9.772	ng	99
50) Dimethylphthalate	13.834	163	230464	10.031	ng	100
51) 2,6-Dinitrotoluene	13.945	165	48146	9.476	ng	87
52) Acenaphthene	14.451	154	174069	10.056	ng	98
53) 3-Nitroaniline	14.275	138	49109	9.414	ng	# 95
54) 2,4-Dinitrophenol	14.492	184	19842	8.195	ng	93
55) Dibenzofuran	14.792	168	286968	10.539	ng	97
56) 4-Nitrophenol	14.598	139	40503	8.951	ng	# 84
57) 2,4-Dinitrotoluene	14.751	165	66463	9.487	ng	98
58) Fluorene	15.451	166	230588	10.275	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.016	232	55905m	9.873	ng	
60) Diethylphthalate	15.216	149	251029	10.527	ng	97
61) 4-Chlorophenyl-phenyle...	15.445	204	112565	10.344	ng	92
62) 4-Nitroaniline	15.463	138	54085	9.482	ng	# 82
63) Azobenzene	15.739	77	266110	9.917	ng	95
65) 4,6-Dinitro-2-methylph...	15.528	198	31388	9.842	ng	84
66) n-Nitrosodiphenylamine	15.657	169	199991	7.528	ng	97
67) 4-Bromophenyl-phenylether	16.351	248	93574	9.567	ng	96
68) Hexachlorobenzene	16.469	284	113735	9.736	ng	99
69) Atrazine	16.634	200	83209	10.679	ng	96
70) Pentachlorophenol	16.828	266	65034	8.706	ng	99
71) Phenanthrene	17.228	178	521821	10.171	ng	99
72) Anthracene	17.322	178	478146	9.571	ng	99
73) Carbazole	17.598	167	494869	9.649	ng	99
74) Di-n-butylphthalate	18.192	149	517691	9.127	ng	99
75) Fluoranthene	19.310	202	624745	10.059	ng	99
77) Benzidine	19.498	184	126410	8.300	ng	98
78) Pyrene	19.680	202	677717	9.717	ng	99
80) Butylbenzylphthalate	20.627	149	245043	8.537	ng	99
81) Benzo(a)anthracene	21.598	228	681230	9.715	ng	100
82) 3,3'-Dichlorobenzidine	21.516	252	204987	9.254	ng	99
83) Chrysene	21.663	228	671413	9.947	ng	99
84) Bis(2-ethylhexyl)phtha...	21.533	149	356033	8.664	ng	# 98
85) Di-n-octyl phthalate	22.810	149	551817	8.156	ng	98
87) Indeno(1,2,3-cd)pyrene	28.721	276	796630	9.664	ng	98
88) Benzo(b)fluoranthene	23.892	252	704436	9.328	ng	99
89) Benzo(k)fluoranthene	23.963	252	720387	9.840	ng	99
90) Benzo(a)pyrene	24.798	252	608161	9.291	ng	99
91) Dibenzo(a,h)anthracene	28.815	278	669652	9.825	ng	98
92) Benzo(g,h,i)perylene	29.903	276	686512	9.602	ng	99

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

