

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139943.D
 Acq On : 22 Oct 2024 22:17
 Operator : RC/JU
 Sample : P4431-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11934MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
 Supervised By :mohammad ahmed 10/24/2024

Quant Time: Oct 23 01:14:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	135429	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	493211	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	232904	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	338127	20.000	ng	0.00
76) Chrysene-d12	14.057	240	286551	20.000	ng	0.00
86) Perylene-d12	15.533	264	265643	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1000894	115.698	ng	0.02
7) Phenol-d6	6.516	99	1242955	110.935	ng	0.00
23) Nitrobenzene-d5	7.451	82	800214	89.922	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	246588	113.191	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1312267	93.119	ng	0.00
79) Terphenyl-d14	12.998	244	1186543	67.473	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	175270	43.454	ng	94
3) Pyridine	3.499	79	440331	44.043	ng	97
4) n-Nitrosodimethylamine	3.446	42	248522	46.267	ng	98
6) Aniline	6.551	93	216974	20.779	ng	98
8) 2-Chlorophenol	6.675	128	449584	50.836	ng	97
9) Benzaldehyde	6.440	77	104404	16.564	ng	97
10) Phenol	6.528	94	559358m	48.425	ng	
11) bis(2-Chloroethyl)ether	6.628	93	447885	50.165	ng	97
12) 1,3-Dichlorobenzene	6.834	146	489661	48.233	ng	99
13) 1,4-Dichlorobenzene	6.910	146	496563	48.958	ng	98
14) 1,2-Dichlorobenzene	7.063	146	468380	49.480	ng	99
15) Benzyl Alcohol	7.028	79	404733	49.245	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	732404	48.109	ng	98
17) 2-Methylphenol	7.134	107	360994	47.870	ng	100
18) Hexachloroethane	7.404	117	176747	48.868	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	325215	47.858	ng	97
20) 3+4-Methylphenols	7.287	107	446606	46.301	ng	94
22) Acetophenone	7.298	105	606963	50.244	ng	98
24) Nitrobenzene	7.469	77	481879	49.389	ng	99
25) Isophorone	7.710	82	845014	50.030	ng	99
26) 2-Nitrophenol	7.787	139	215813	58.633	ng	97
27) 2,4-Dimethylphenol	7.822	122	354950	57.833	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	519036	50.721	ng	99
29) 2,4-Dichlorophenol	8.028	162	337893	48.334	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	381230	49.284	ng	99
31) Naphthalene	8.192	128	1263695	49.680	ng	100
32) Benzoic acid	7.904	122	171149	31.972	ng	98
33) 4-Chloroaniline	8.240	127	78274	9.024	ng	97
34) Hexachlorobutadiene	8.310	225	249782	51.393	ng	99
35) Caprolactam	8.598	113	86769m	39.035	ng	
36) 4-Chloro-3-methylphenol	8.716	107	334888	43.263	ng	97
37) 2-Methylnaphthalene	8.887	142	760213	48.799	ng	99
38) 1-Methylnaphthalene	8.987	142	702670	45.973	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	353222	56.215	ng	99
41) Hexachlorocyclopentadiene	9.039	237	330809	151.309	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	231303	51.995	ng	99

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44) 2,4,5-Trichlorophenol	9.198	196	213711	46.563	ng	97
46) 1,1'-Biphenyl	9.351	154	885575	54.620	ng	99
47) 2-Chloronaphthalene	9.375	162	685737	52.512	ng	99
48) 2-Nitroaniline	9.463	65	213371	53.424	ng	96
49) Acenaphthylene	9.792	152	1055261	55.896	ng	100
50) Dimethylphthalate	9.645	163	776180	53.504	ng	100
51) 2,6-Dinitrotoluene	9.710	165	160234	51.012	ng	94
52) Acenaphthene	9.963	154	651002	53.306	ng	100
53) 3-Nitroaniline	9.875	138	82809	25.565	ng	95
54) 2,4-Dinitrophenol	9.975	184	56469	46.267	ng	88
55) Dibenzofuran	10.134	168	869704	49.634	ng	99
56) 4-Nitrophenol	10.028	139	231043	92.710	ng	99
57) 2,4-Dinitrotoluene	10.110	165	198652	51.428	ng	95
58) Fluorene	10.475	166	653311	48.952	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	161528	44.894	ng	99
60) Diethylphthalate	10.345	149	708286	49.726	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	336095	49.868	ng	97
62) 4-Nitroaniline	10.486	138	124311	40.634	ng	95
63) Azobenzene	10.628	77	729160	48.286	ng	96
65) 4,6-Dinitro-2-methylph...	10.516	198	54378	39.427	ng	93
66) n-Nitrosodiphenylamine	10.586	169	569372	56.262	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	197355	56.657	ng	97
68) Hexachlorobenzene	11.022	284	208843	53.309	ng	99
69) Atrazine	11.110	200	177655	64.805	ng	99
70) Pentachlorophenol	11.216	266	283327	119.164	ng	100
71) Phenanthrene	11.439	178	1149825	71.991	ng	100
72) Anthracene	11.492	178	920723	59.084	ng	100
73) Carbazole	11.639	167	794689	54.833	ng	100
74) Di-n-butylphthalate	11.975	149	970667	57.971	ng	100
75) Fluoranthene	12.627	202	1606045	99.469	ng	100
77) Benzidine	12.745	184	205749	43.666	ng	99
78) Pyrene	12.857	202	1611807	64.260	ng	99
80) Butylbenzylphthalate	13.474	149	435719	57.942	ng	99
81) Benzo(a)anthracene	14.045	228	1340801	71.879	ng	98
82) 3,3'-Dichlorobenzidine	14.004	252	151754	27.902	ng	99
83) Chrysene	14.086	228	1293412	75.625	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	654971	77.632	ng	99
85) Di-n-octyl phthalate	14.651	149	1187418	77.378	ng	# 100
87) Indeno(1,2,3-cd)pyrene	17.033	276	854148	49.981	ng	97
88) Benzo(b)fluoranthene	15.104	252	1454184	89.865	ng	99
89) Benzo(k)fluoranthene	15.133	252	901808	64.620	ng	99
90) Benzo(a)pyrene	15.474	252	1044220	78.425	ng	98
91) Dibenzo(a,h)anthracene	17.051	278	592079	41.531	ng	98
92) Benzo(g,h,i)perylene	17.486	276	673940	47.326	ng	98

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

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