

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139931.D
 Acq On : 22 Oct 2024 16:30
 Operator : RC/JU
 Sample : P4419-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IB-1MS

Manual Integrations
 APPROVED

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

Quant Time: Oct 22 16:55:55 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	6.892	152	138600	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	525254	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	276307	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	414563	20.000	ng	0.00
76) Chrysene-d12	14.057	240	284603	20.000	ng	0.00
86) Perylene-d12	15.533	264	347037	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1221183	137.933	ng	0.02
7) Phenol-d6	6.516	99	1462083	127.507	ng	0.00
23) Nitrobenzene-d5	7.451	82	1056289	111.457	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	397357	153.747	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1818113	108.748	ng	0.00
79) Terphenyl-d14	12.998	244	1536699	87.983	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.863	88	177735	43.057	ng	# 81
3) Pyridine	3.575	79	423167	41.358	ng	96
4) n-Nitrosodimethylamine	3.504	42	257997	46.932	ng	99
6) Aniline	6.557	93	211798	19.819	ng	97
8) 2-Chlorophenol	6.675	128	483492	53.419	ng	98
9) Benzaldehyde	6.445	77	58773	9.111	ng	96
10) Phenol	6.528	94	536781	45.407	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	463232	50.697	ng	99
12) 1,3-Dichlorobenzene	6.834	146	489042	47.070	ng	99
13) 1,4-Dichlorobenzene	6.910	146	499260	48.098	ng	98
14) 1,2-Dichlorobenzene	7.063	146	479019	49.446	ng	99
15) Benzyl Alcohol	7.028	79	445876	53.010	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	774199	49.691	ng	98
17) 2-Methylphenol	7.134	107	393530	50.990	ng	99
18) Hexachloroethane	7.404	117	175401	47.386	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	355066	51.056	ng	97
20) 3+4-Methylphenols	7.287	107	483030	48.932	ng	96
22) Acetophenone	7.298	105	652715	50.735	ng	99
24) Nitrobenzene	7.469	77	526861	50.706	ng	99
25) Isophorone	7.710	82	947046	52.650	ng	99
26) 2-Nitrophenol	7.787	139	240191	61.275	ng	96
27) 2,4-Dimethylphenol	7.816	122	397853	60.869	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	573337	52.609	ng	99
29) 2,4-Dichlorophenol	8.022	162	398181	53.483	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	410492	49.829	ng	99
31) Naphthalene	8.192	128	1375220	50.766	ng	100
32) Benzoic acid	7.916	122	256892	45.062	ng	97
33) 4-Chloroaniline	8.234	127	60989	6.603	ng	98
34) Hexachlorobutadiene	8.310	225	261509	50.523	ng	98
35) Caprolactam	8.598	113	101393m	42.832	ng	
36) 4-Chloro-3-methylphenol	8.716	107	420777	51.042	ng	97
37) 2-Methylnaphthalene	8.886	142	874812	52.729	ng	100
38) 1-Methylnaphthalene	8.986	142	814947	50.066	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	411955	55.264	ng	99
41) Hexachlorocyclopentadiene	9.039	237	473130	182.412	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	299563	56.761	ng	99

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44) 2,4,5-Trichlorophenol	9.198	196	290085	53.275	ng	99
46) 1,1'-Biphenyl	9.351	154	1046149	54.388	ng	100
47) 2-Chloronaphthalene	9.375	162	829069	53.516	ng	99
48) 2-Nitroaniline	9.469	65	267894	56.540	ng	93
49) Acenaphthylene	9.792	152	1266499	56.548	ng	99
50) Dimethylphthalate	9.651	163	931371	54.116	ng	100
51) 2,6-Dinitrotoluene	9.710	165	201530	54.081	ng	96
52) Acenaphthene	9.963	154	854492	58.977	ng	99
53) 3-Nitroaniline	9.875	138	65145	16.952	ng	95
54) 2,4-Dinitrophenol	9.980	184	176652	111.315	ng	# 1
55) Dibenzofuran	10.133	168	1104475	53.131	ng	99
56) 4-Nitrophenol	10.028	139	281102	95.079	ng	99
57) 2,4-Dinitrotoluene	10.110	165	259515	56.631	ng	98
58) Fluorene	10.480	166	807641	51.010	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	230861	54.085	ng	95
60) Diethylphthalate	10.351	149	866761	51.293	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	415399	51.953	ng	99
62) 4-Nitroaniline	10.486	138	168604	46.455	ng	96
63) Azobenzene	10.628	77	898047	50.129	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	120867	71.477	ng	94
66) n-Nitrosodiphenylamine	10.586	169	734753	59.217	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	260113	60.905	ng	97
68) Hexachlorobenzene	11.022	284	281515	58.610	ng	99
69) Atrazine	11.110	200	221708	65.963	ng	99
70) Pentachlorophenol	11.216	266	320019	109.780	ng	99
71) Phenanthrene	11.439	178	1086525	55.485	ng	100
72) Anthracene	11.492	178	1099002	57.521	ng	100
73) Carbazole	11.645	167	916576	51.583	ng	99
74) Di-n-butylphthalate	11.974	149	1164376	56.718	ng	100
75) Fluoranthene	12.627	202	1018589	51.454	ng	100
77) Benzidine	12.745	184	83909	17.930	ng	99
78) Pyrene	12.857	202	1036361	41.601	ng	100
80) Butylbenzylphthalate	13.474	149	440180	58.936	ng	98
81) Benzo(a)anthracene	14.045	228	1021745	55.150	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	134719	24.940	ng	100
83) Chrysene	14.080	228	943131	55.521	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	608126	72.573	ng	99
85) Di-n-octyl phthalate	14.645	149	1145348	75.147	ng	97
87) Indeno(1,2,3-cd)pyrene	17.027	276	1070099	47.931	ng	99
88) Benzo(b)fluoranthene	15.098	252	1195498	56.551	ng	100
89) Benzo(k)fluoranthene	15.127	252	949278	52.068	ng	100
90) Benzo(a)pyrene	15.468	252	1035991	59.558	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	888621	47.712	ng	98
92) Benzo(g,h,i)perylene	17.480	276	754553	40.560	ng	99

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

