

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139958.D
 Acq On : 23 Oct 2024 12:10
 Operator : RC/JU
 Sample : PB164216BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164216BS

Quant Time: Oct 23 12:30:59 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	153415	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	597946	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	337040	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	608398	20.000	ng	0.00
76) Chrysene-d12	14.057	240	308469	20.000	ng	0.00
86) Perylene-d12	15.533	264	334273	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1264034	128.985	ng	0.02
7) Phenol-d6	6.516	99	1621075	127.721	ng	0.00
23) Nitrobenzene-d5	7.451	82	1053662	97.664	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	502741	159.470	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1900684	93.201	ng	0.00
79) Terphenyl-d14	12.998	244	1949301	102.971	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	181171	39.651	ng	94
3) Pyridine	3.522	79	482166	42.573	ng	96
4) n-Nitrosodimethylamine	3.475	42	270215	44.407	ng	97
6) Aniline	6.551	93	499742	42.247	ng	98
8) 2-Chlorophenol	6.675	128	506506	50.558	ng	97
9) Benzaldehyde	6.440	77	117443	16.448	ng	97
10) Phenol	6.528	94	625422m	47.796	ng	
11) bis(2-Chloroethyl)ether	6.628	93	478133	47.275	ng	98
12) 1,3-Dichlorobenzene	6.834	146	531241	46.194	ng	99
13) 1,4-Dichlorobenzene	6.910	146	542170	47.188	ng	98
14) 1,2-Dichlorobenzene	7.063	146	519865	48.481	ng	98
15) Benzyl Alcohol	7.028	79	465945	50.046	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	797113	46.221	ng	97
17) 2-Methylphenol	7.140	107	421674	49.361	ng	100
18) Hexachloroethane	7.404	117	193057	47.120	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	362975	47.153	ng	96
20) 3+4-Methylphenols	7.287	107	516161	47.238	ng	93
22) Acetophenone	7.298	105	675126	46.097	ng	98
24) Nitrobenzene	7.469	77	549083	46.420	ng	100
25) Isophorone	7.710	82	1000685	48.869	ng	99
26) 2-Nitrophenol	7.787	139	259205	58.087	ng	97
27) 2,4-Dimethylphenol	7.822	122	424427	57.040	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	590468	47.594	ng	100
29) 2,4-Dichlorophenol	8.022	162	421980	49.790	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	435374	46.425	ng	99
31) Naphthalene	8.192	128	1466211	47.545	ng	100
32) Benzoic acid	7.934	122	329465	50.766	ng	95
33) 4-Chloroaniline	8.240	127	221509	21.065	ng	97
34) Hexachlorobutadiene	8.310	225	281356	47.750	ng	98
35) Caprolactam	8.610	113	143448m	53.230	ng	
36) 4-Chloro-3-methylphenol	8.716	107	470764	50.164	ng	98
37) 2-Methylnaphthalene	8.887	142	922565	48.847	ng	100
38) 1-Methylnaphthalene	8.987	142	860620	46.445	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	430680	47.365	ng	99
41) Hexachlorocyclopentadiene	9.039	237	574012	181.428	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	337138	52.370	ng	99

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44) 2,4,5-Trichlorophenol	9.198	196	334456	50.356	ng	99
46) 1,1'-Biphenyl	9.351	154	1117358	47.622	ng	100
47) 2-Chloronaphthalene	9.375	162	895035	47.363	ng	99
48) 2-Nitroaniline	9.469	65	314462	54.409	ng	93
49) Acenaphthylene	9.792	152	1404091	51.394	ng	100
50) Dimethylphthalate	9.651	163	1062096	50.592	ng	100
51) 2,6-Dinitrotoluene	9.710	165	241204	53.064	ng	97
52) Acenaphthene	9.963	154	976906	55.276	ng	99
53) 3-Nitroaniline	9.875	138	147516	31.470	ng	98
54) 2,4-Dinitrophenol	9.986	184	262852	134.351	ng	# 1
55) Dibenzofuran	10.139	168	1239585	48.886	ng	98
56) 4-Nitrophenol	10.034	139	400046	110.928	ng	99
57) 2,4-Dinitrotoluene	10.116	165	321890	57.585	ng	98
58) Fluorene	10.481	166	934230	48.373	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	287032	55.127	ng	96
60) Diethylphthalate	10.351	149	1039354	50.423	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	475448	48.748	ng	99
62) 4-Nitroaniline	10.498	138	240421	54.305	ng	96
63) Azobenzene	10.634	77	1051460	48.116	ng	96
65) 4,6-Dinitro-2-methylph...	10.522	198	176303	71.043	ng	92
66) n-Nitrosodiphenylamine	10.592	169	882234	48.450	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	313535	50.024	ng	95
68) Hexachlorobenzene	11.028	284	351750	49.901	ng	96
69) Atrazine	11.116	200	292228	59.244	ng	99
70) Pentachlorophenol	11.216	266	438311	102.455	ng	99
71) Phenanthrene	11.445	178	1407707	48.984	ng	100
72) Anthracene	11.492	178	1449181	51.684	ng	100
73) Carbazole	11.645	167	1248438	47.875	ng	100
74) Di-n-butylphthalate	11.975	149	1492403	49.535	ng	100
75) Fluoranthene	12.628	202	1376242	47.372	ng	99
77) Benzidine	12.745	184	325609	64.194	ng	99
78) Pyrene	12.857	202	1386136	51.336	ng	100
80) Butylbenzylphthalate	13.475	149	451043	55.718	ng	98
81) Benzo(a)anthracene	14.045	228	1034491	51.518	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	210956	36.032	ng	98
83) Chrysene	14.080	228	957996	52.033	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	529584	58.310	ng	99
85) Di-n-octyl phthalate	14.645	149	926010	56.056	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1214317	56.468	ng	98
88) Benzo(b)fluoranthene	15.098	252	1026661	50.419	ng	100
89) Benzo(k)fluoranthene	15.127	252	858812	48.905	ng	100
90) Benzo(a)pyrene	15.474	252	917068	54.734	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	991507	55.269	ng	99
92) Benzo(g,h,i)perylene	17.492	276	931568	51.987	ng	98

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

