

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140117.D
 Acq On : 29 Oct 2024 17:45
 Operator : RC/JU
 Sample : P4594-05MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F17MS

Quant Time: Oct 30 01:02:34 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 :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	132457	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	527177	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	297266	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	510240	20.000	ng	0.00
76) Chrysene-d12	14.063	240	257285	20.000	ng	0.01
86) Perylene-d12	15.568	264	279776	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	763838	90.277	ng	0.02
7) Phenol-d6	6.516	99	1011079	92.265	ng	0.00
23) Nitrobenzene-d5	7.451	82	650115	68.348	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	294528	105.925	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1181553	65.690	ng	0.00
79) Terphenyl-d14	12.998	244	1082872	68.582	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	149733	37.956	ng	98
3) Pyridine	3.522	79	391488	40.036	ng	99
4) n-Nitrosodimethylamine	3.481	42	221895	42.236	ng	100
6) Aniline	6.551	93	383280	37.528	ng	100
8) 2-Chlorophenol	6.675	128	408640	47.243	ng	99
9) Benzaldehyde	6.439	77	75337	12.221	ng	98
10) Phenol	6.528	94	527220m	46.666	ng	
11) bis(2-Chloroethyl)ether	6.622	93	396755	45.436	ng	99
12) 1,3-Dichlorobenzene	6.834	146	435490	43.859	ng	99
13) 1,4-Dichlorobenzene	6.904	146	437477	44.101	ng	99
14) 1,2-Dichlorobenzene	7.057	146	423641	45.758	ng	99
15) Benzyl Alcohol	7.028	79	392504	48.828	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	680611	45.710	ng	98
17) 2-Methylphenol	7.139	107	347073	47.057	ng	98
18) Hexachloroethane	7.404	117	162922	46.056	ng	96
19) n-Nitroso-di-n-propyla...	7.298	70	307733	46.302	ng	99
20) 3+4-Methylphenols	7.286	107	419717	44.490	ng	# 89
22) Acetophenone	7.298	105	564834	43.744	ng	99
24) Nitrobenzene	7.469	77	464006	44.493	ng	100
25) Isophorone	7.710	82	853149	47.257	ng	100
26) 2-Nitrophenol	7.786	139	217122	55.188	ng	98
27) 2,4-Dimethylphenol	7.816	122	344243	52.475	ng	97
28) bis(2-Chloroethoxy)met...	7.916	93	502223	45.916	ng	99
29) 2,4-Dichlorophenol	8.022	162	348839	46.685	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	360417	43.591	ng	99
31) Naphthalene	8.192	128	1199880	44.132	ng	100
32) Benzoic acid	7.939	122	263535	46.059	ng	99
33) 4-Chloroaniline	8.233	127	151753	16.369	ng	99
34) Hexachlorobutadiene	8.310	225	234926	45.222	ng	99
35) Caprolactam	8.616	113	112189m	47.219	ng	
36) 4-Chloro-3-methylphenol	8.722	107	392868	47.483	ng	99
37) 2-Methylnaphthalene	8.886	142	772169	46.373	ng	100
38) 1-Methylnaphthalene	8.980	142	712861	43.635	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	362976	45.260	ng	99
41) Hexachlorocyclopentadiene	9.039	237	427621	153.242	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	269891	47.533	ng	100

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44) 2,4,5-Trichlorophenol	9.204	196	275886	47.095	ng	99
46) 1,1'-Biphenyl	9.351	154	931325	45.004	ng	99
47) 2-Chloronaphthalene	9.375	162	739307	44.357	ng	100
48) 2-Nitroaniline	9.469	65	262462	51.488	ng	95
49) Acenaphthylene	9.792	152	1160830	48.175	ng	99
50) Dimethylphthalate	9.651	163	893048	48.231	ng	100
51) 2,6-Dinitrotoluene	9.710	165	197589	49.285	ng	99
52) Acenaphthene	9.963	154	820265	52.623	ng	99
53) 3-Nitroaniline	9.880	138	113986	27.570	ng	97
54) 2,4-Dinitrophenol	9.986	184	223505	129.760	ng	# 1
55) Dibenzofuran	10.133	168	1016974	45.473	ng	99
56) 4-Nitrophenol	10.039	139	304483	95.726	ng	96
57) 2,4-Dinitrotoluene	10.116	165	267104	54.178	ng	100
58) Fluorene	10.480	166	776440	45.582	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	227213	49.477	ng	99
60) Diethylphthalate	10.351	149	864712	47.564	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	396579	46.102	ng	99
62) 4-Nitroaniline	10.498	138	191421	49.023	ng	97
63) Azobenzene	10.627	77	985665	51.140	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	149607	71.883	ng	96
66) n-Nitrosodiphenylamine	10.586	169	720288	47.166	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	253675	48.260	ng	99
68) Hexachlorobenzene	11.027	284	275732	46.642	ng	97
69) Atrazine	11.116	200	235880	57.020	ng	98
70) Pentachlorophenol	11.216	266	333310	92.899	ng	100
71) Phenanthrene	11.439	178	1116509	46.325	ng	99
72) Anthracene	11.492	178	1127394	47.942	ng	100
73) Carbazole	11.645	167	954916	43.663	ng	99
74) Di-n-butylphthalate	11.974	149	1242558	49.177	ng	100
75) Fluoranthene	12.627	202	1037271	42.573	ng	99
77) Benzidine	12.745	184	306598	72.471	ng	98
78) Pyrene	12.857	202	1041912	46.264	ng	100
80) Butylbenzylphthalate	13.474	149	397058	58.807	ng	99
81) Benzo(a)anthracene	14.051	228	809554	48.336	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	170792	34.975	ng	99
83) Chrysene	14.092	228	734483	47.829	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	495456	65.405	ng	100
85) Di-n-octyl phthalate	14.674	149	810976	58.858	ng	98
87) Indeno(1,2,3-cd)pyrene	17.080	276	894510	49.699	ng	98
88) Benzo(b)fluoranthene	15.133	252	742819	43.586	ng	99
89) Benzo(k)fluoranthene	15.162	252	728170	49.542	ng	99
90) Benzo(a)pyrene	15.509	252	711907	50.766	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	727325	48.440	ng	99
92) Benzo(g,h,i)perylene	17.539	276	672174	44.818	ng	98

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

