

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
 Data File : BF140762.D
 Acq On : 06 Dec 2024 13:16
 Operator : RC/JU
 Sample : PB165423BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165423BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/10/2024
 Supervised By :mohammad ahmed 12/10/2024

Quant Time: Dec 06 12:37:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	87714	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	336659	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	192900	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	363576	20.000	ng	0.00
76) Chrysene-d12	14.057	240	240000	20.000	ng	0.00
86) Perylene-d12	15.556	264	193248	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	710968	138.297	ng	0.02
7) Phenol-d6	6.522	99	926111	136.266	ng	0.00
23) Nitrobenzene-d5	7.439	82	607364	92.280	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	304728	147.705	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1241313	95.878	ng	0.00
79) Terphenyl-d14	12.992	244	1480146	96.033	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.751	88	82509	38.173	ng	98
3) Pyridine	3.516	79	198902	41.824	ng	99
4) n-Nitrosodimethylamine	3.469	42	115475	41.313	ng	92
6) Aniline	6.539	93	230946	48.278	ng	# 63
8) 2-Chlorophenol	6.669	128	262537	47.468	ng	94
9) Benzaldehyde	6.428	77	68018	18.905	ng	98
10) Phenol	6.534	94	324940	46.816	ng	97
11) bis(2-Chloroethyl)ether	6.610	93	263909	49.688	ng	97
12) 1,3-Dichlorobenzene	6.810	146	273365	43.987	ng	99
13) 1,4-Dichlorobenzene	6.886	146	280476	44.573	ng	100
14) 1,2-Dichlorobenzene	7.039	146	265286	44.991	ng	100
15) Benzyl Alcohol	7.022	79	234355	46.498	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	297829	47.465	ng	# 61
17) 2-Methylphenol	7.139	107	205938	46.515	ng	94
18) Hexachloroethane	7.381	117	103632	44.095	ng	98
19) n-Nitroso-di-n-propyla...	7.286	70	187861	46.771	ng	97
20) 3+4-Methylphenols	7.292	107	276452	48.580	ng	# 79
22) Acetophenone	7.281	105	367962	44.832	ng	# 94
24) Nitrobenzene	7.457	77	290540	42.711	ng	99
25) Isophorone	7.698	82	513131	46.742	ng	99
26) 2-Nitrophenol	7.775	139	142467	47.260	ng	96
27) 2,4-Dimethylphenol	7.810	122	213578m	59.215	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	311986	46.650	ng	99
29) 2,4-Dichlorophenol	8.028	162	233108	48.774	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	240608	44.092	ng	99
31) Naphthalene	8.175	128	784819	45.258	ng	99
32) Benzoic acid	7.963	122	120209	39.752	ng	98
33) 4-Chloroaniline	8.239	127	107878	20.778	ng	98
34) Hexachlorobutadiene	8.286	225	160000	44.267	ng	100
35) Caprolactam	8.610	113	70555m	47.703	ng	
36) 4-Chloro-3-methylphenol	8.727	107	250795	46.868	ng	99
37) 2-Methylnaphthalene	8.863	142	523686	47.546	ng	100
38) 1-Methylnaphthalene	8.963	142	482164	44.661	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	258940	45.853	ng	99
41) Hexachlorocyclopentadiene	9.016	237	195535	147.294	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	162791	45.940	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	173343	45.074	ng	97
46) 1,1'-Biphenyl	9.327	154	664390	46.131	ng	100
47) 2-Chloronaphthalene	9.357	162	496087	45.459	ng	98
48) 2-Nitroaniline	9.463	65	156602	44.708	ng	95
49) Acenaphthylene	9.774	152	796256	48.292	ng	100
50) Dimethylphthalate	9.633	163	612732	48.230	ng	100
51) 2,6-Dinitrotoluene	9.704	165	128701	44.668	ng	94
52) Acenaphthene	9.945	154	484392	46.235	ng	99
53) 3-Nitroaniline	9.874	138	80397	28.530	ng	99
54) 2,4-Dinitrophenol	9.998	184	134351	89.053	ng	90
55) Dibenzofuran	10.122	168	734204	45.945	ng	99
56) 4-Nitrophenol	10.063	139	154405	80.341	ng	93
57) 2,4-Dinitrotoluene	10.116	165	177214	46.278	ng	94
58) Fluorene	10.463	166	596159	46.477	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	156322	52.890	ng	# 91
60) Diethylphthalate	10.333	149	626390	48.528	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	298099	47.356	ng	98
62) 4-Nitroaniline	10.498	138	134738	45.588	ng	94
63) Azobenzene	10.610	77	583476	47.734	ng	98
65) 4,6-Dinitro-2-methylph...	10.527	198	97656	52.563	ng	95
66) n-Nitrosodiphenylamine	10.574	169	523926	48.729	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	181461	48.464	ng	96
68) Hexachlorobenzene	11.016	284	206588	47.650	ng	98
69) Atrazine	11.104	200	168177	55.601	ng	98
70) Pentachlorophenol	11.216	266	171479	89.866	ng	99
71) Phenanthrene	11.427	178	849472	48.606	ng	99
72) Anthracene	11.480	178	877387	51.322	ng	99
73) Carbazole	11.639	167	792099	48.163	ng	100
74) Di-n-butylphthalate	11.957	149	993945	52.349	ng	100
75) Fluoranthene	12.621	202	946290	49.870	ng	99
77) Benzidine	12.745	184	232728	33.352	ng	99
78) Pyrene	12.851	202	957620	43.154	ng	99
80) Butylbenzylphthalate	13.462	149	392953	49.155	ng	99
81) Benzo(a)anthracene	14.045	228	790541	49.760	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	169885	35.616	ng	100
83) Chrysene	14.086	228	676595	46.575	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	508592	50.385	ng	98
85) Di-n-octyl phthalate	14.645	149	710648	51.515	ng	98
87) Indeno(1,2,3-cd)pyrene	17.092	276	616440	48.948	ng	99
88) Benzo(b)fluoranthene	15.121	252	558213	45.988	ng	99
89) Benzo(k)fluoranthene	15.151	252	570351	53.695	ng	99
90) Benzo(a)pyrene	15.498	252	516562	52.340	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	511387	49.583	ng	100
92) Benzo(g,h,i)perylene	17.545	276	467548	44.424	ng	98

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

