

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
 Data File : BF138863.D
 Acq On : 08 Aug 2024 13:52
 Operator : RC/JU
 Sample : PB162401BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162401BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

08/09/2024
 Supervised By :mohammad
 ahmed

Quant Time: Aug 08 14:15:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	48503	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	206341	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	113225	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	196298	20.000	ng	0.00
76) Chrysene-d12	13.998	240	93827	20.000	ng	0.00
86) Perylene-d12	15.457	264	88275	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	421451	134.131	ng	0.02
7) Phenol-d6	6.492	99	561400	133.078	ng	0.00
23) Nitrobenzene-d5	7.410	82	355391	84.208	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	131194	141.454	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	663928	88.103	ng	0.00
79) Terphenyl-d14	12.939	244	633522	113.047	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	44628	32.442	ng	95
3) Pyridine	3.469	79	113253	33.986	ng	97
4) n-Nitrosodimethylamine	3.434	42	102157	51.472	ng	84
6) Aniline	6.504	93	127189	33.807	ng	# 6
8) 2-Chlorophenol	6.634	128	163031	49.316	ng	96
9) Benzaldehyde	6.398	77	104054	41.147	ng	99
10) Phenol	6.504	94	216129	48.659	ng	84
11) bis(2-Chloroethyl)ether	6.581	93	150643	44.073	ng	98
12) 1,3-Dichlorobenzene	6.781	146	166335	44.949	ng	98
13) 1,4-Dichlorobenzene	6.857	146	170796	45.735	ng	99
14) 1,2-Dichlorobenzene	7.010	146	162936	46.685	ng	100
15) Benzyl Alcohol	6.992	79	152403	50.124	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	247882	42.141	ng	# 48
17) 2-Methylphenol	7.104	107	131230	48.073	ng	# 87
18) Hexachloroethane	7.345	117	62748	44.637	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	124632	48.915	ng	99
20) 3+4-Methylphenols	7.263	107	174816	49.913	ng	# 77
22) Acetophenone	7.257	105	220931	43.729	ng	96
24) Nitrobenzene	7.428	77	186837	43.506	ng	99
25) Isophorone	7.669	82	321983	44.679	ng	99
26) 2-Nitrophenol	7.745	139	87581	47.401	ng	96
27) 2,4-Dimethylphenol	7.781	122	111180	50.293	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	187712	42.773	ng	99
29) 2,4-Dichlorophenol	7.992	162	134696	47.417	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	143091	43.649	ng	99
31) Naphthalene	8.145	128	481673	44.348	ng	100
32) Benzoic acid	7.939	122	58218	33.502	ng	94
33) 4-Chloroaniline	8.198	127	75915	20.822	ng	99
34) Hexachlorobutadiene	8.251	225	87876	44.257	ng	99
35) Caprolactam	8.586	113	36968m	43.614	ng	
36) 4-Chloro-3-methylphenol	8.692	107	156336	48.156	ng	100
37) 2-Methylnaphthalene	8.834	142	316642	46.162	ng	100
38) 1-Methylnaphthalene	8.934	142	288654	42.944	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	136441	43.380	ng	98
41) Hexachlorocyclopentadiene	8.981	237	89664	105.292	ng	97
43) 2,4,6-Trichlorophenol	9.122	196	87034	45.385	ng	98

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44) 2,4,5-Trichlorophenol	9.169	196	94315	44.988	ng	98
46) 1,1'-Biphenyl	9.298	154	375346	42.328	ng	99
47) 2-Chloronaphthalene	9.328	162	297629	45.129	ng	99
48) 2-Nitroaniline	9.428	65	108365	48.468	ng	95
49) Acenaphthylene	9.739	152	468377	50.073	ng	100
50) Dimethylphthalate	9.604	163	351681	48.576	ng	99
51) 2,6-Dinitrotoluene	9.669	165	77020	47.139	ng	88
52) Acenaphthene	9.910	154	282570	44.939	ng	99
53) 3-Nitroaniline	9.839	138	52637	31.163	ng	98
54) 2,4-Dinitrophenol	9.957	184	67891	90.265	ng	86
55) Dibenzofuran	10.081	168	420526	47.378	ng	97
56) 4-Nitrophenol	10.022	139	81612	80.349	ng	91
57) 2,4-Dinitrotoluene	10.081	165	102648	49.242	ng	# 82
58) Fluorene	10.428	166	339649	48.053	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	77851	48.573	ng	98
60) Diethylphthalate	10.298	149	347956	50.689	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	164485	47.316	ng	97
62) 4-Nitroaniline	10.463	138	73435	45.750	ng	90
63) Azobenzene	10.575	77	356923	46.881	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	55479	46.326	ng	98
66) n-Nitrosodiphenylamine	10.539	169	286061	46.621	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	97009	45.645	ng	98
68) Hexachlorobenzene	10.975	284	100470	45.785	ng	97
69) Atrazine	11.063	200	86060	54.363	ng	98
70) Pentachlorophenol	11.175	266	72061	72.855	ng	97
71) Phenanthrene	11.386	178	478989	47.388	ng	100
72) Anthracene	11.439	178	486955	48.903	ng	100
73) Carbazole	11.598	167	405553	47.207	ng	99
74) Di-n-butylphthalate	11.916	149	517027	53.536	ng	99
75) Fluoranthene	12.574	202	448063	47.483	ng	98
77) Benzidine	12.698	184	35411	15.779	ng	99
78) Pyrene	12.804	202	432501	48.958	ng	100
80) Butylbenzylphthalate	13.410	149	146428	51.761	ng	99
81) Benzo(a)anthracene	13.992	228	309084	47.838	ng	100
82) 3,3'-Dichlorobenzidine	13.951	252	61617	37.266	ng	97
83) Chrysene	14.027	228	273115	46.853	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	178580	43.109	ng	97
85) Di-n-octyl phthalate	14.574	149	284040	37.060	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	285864	45.188	ng	96
88) Benzo(b)fluoranthene	15.033	252	284195	51.934	ng	99
89) Benzo(k)fluoranthene	15.063	252	233461	49.275	ng	98
90) Benzo(a)pyrene	15.398	252	237151	51.522	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	232205	44.716	ng	98
92) Benzo(g,h,i)perylene	17.374	276	212001	39.342	ng	97

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

