

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072424\
 Data File : BF138634.D
 Acq On : 24 Jul 2024 12:01
 Operator : RC/JU
 Sample : PB162159BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162159BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 24 13:17:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	82866	20.000	ng	-0.02
21) Naphthalene-d8	8.133	136	342224	20.000	ng	-0.02
39) Acenaphthene-d10	9.892	164	189702	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	332399	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	152336	20.000	ng	-0.01
86) Perylene-d12	15.474	264	168429	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	656793	125.528	ng	0.00
7) Phenol-d6	6.498	99	879545	126.364	ng	0.00
23) Nitrobenzene-d5	7.422	82	581249	83.390	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	230378	129.940	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	986670	81.289	ng	-0.02
79) Terphenyl-d14	12.957	244	1010228	108.036	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	83877	36.196	ng	95
3) Pyridine	3.457	79	219108	38.341	ng	95
4) n-Nitrosodimethylamine	3.416	42	163598	43.976	ng	89
6) Aniline	6.516	93	229020	35.129	ng	# 23
8) 2-Chlorophenol	6.645	128	265648	48.015	ng	99
9) Benzaldehyde	6.404	77	21832	5.860	ng	98
10) Phenol	6.510	94	339714	45.981	ng	87
11) bis(2-Chloroethyl)ether	6.592	93	262387	47.170	ng	98
12) 1,3-Dichlorobenzene	6.792	146	271357	43.635	ng	97
13) 1,4-Dichlorobenzene	6.875	146	273849	43.364	ng	99
14) 1,2-Dichlorobenzene	7.022	146	263593	44.816	ng	97
15) Benzyl Alcohol	6.998	79	248383	47.550	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.128	45	464968	42.506	ng	82
17) 2-Methylphenol	7.116	107	211837	46.719	ng	# 90
18) Hexachloroethane	7.363	117	104586	45.049	ng	95
19) n-Nitroso-di-n-propyla...	7.269	70	203098	47.223	ng	94
20) 3+4-Methylphenols	7.269	107	269223	47.151	ng	# 88
22) Acetophenone	7.263	105	347864	41.853	ng	98
24) Nitrobenzene	7.439	77	308312	43.526	ng	99
25) Isophorone	7.675	82	548123	45.791	ng	100
26) 2-Nitrophenol	7.751	139	144248	47.514	ng	94
27) 2,4-Dimethylphenol	7.792	122	182071m	48.795	ng	
28) bis(2-Chloroethoxy)met...	7.886	93	326014	45.572	ng	98
29) 2,4-Dichlorophenol	7.998	162	216095	44.597	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	232969	41.273	ng	98
31) Naphthalene	8.157	128	780565	43.856	ng	100
32) Benzoic acid	7.928	122	122058	34.297	ng	95
33) 4-Chloroaniline	8.210	127	149212	23.893	ng	97
34) Hexachlorobutadiene	8.269	225	136350	39.227	ng	99
35) Caprolactam	8.586	113	67707m	43.303	ng	
36) 4-Chloro-3-methylphenol	8.698	107	255972	47.187	ng	97
37) 2-Methylnaphthalene	8.851	142	504811	44.074	ng	99
38) 1-Methylnaphthalene	8.945	142	464339	41.539	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	207382	39.224	ng	98
41) Hexachlorocyclopentadiene	8.998	237	194751	113.485	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	146333	43.389	ng	98

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44) 2,4,5-Trichlorophenol	9.180	196	153704	41.436	ng	93
46) 1,1'-Biphenyl	9.316	154	587897	40.893	ng	100
47) 2-Chloronaphthalene	9.339	162	464088	42.731	ng	97
48) 2-Nitroaniline	9.439	65	175872	46.730	ng	99
49) Acenaphthylene	9.757	152	737849	47.851	ng	99
50) Dimethylphthalate	9.616	163	567586	46.271	ng	100
51) 2,6-Dinitrotoluene	9.680	165	125670	44.496	ng	88
52) Acenaphthene	9.927	154	464210	45.289	ng	99
53) 3-Nitroaniline	9.851	138	82283	28.425	ng	93
54) 2,4-Dinitrophenol	9.963	184	126110	83.011	ng	94
55) Dibenzofuran	10.098	168	660864	44.452	ng	99
56) 4-Nitrophenol	10.022	139	179483	84.031	ng	98
57) 2,4-Dinitrotoluene	10.086	165	168552	46.124	ng	94
58) Fluorene	10.439	166	529711	45.030	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.216	232	130789	44.676	ng	97
60) Diethylphthalate	10.316	149	551332	46.623	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	255111	43.188	ng	95
62) 4-Nitroaniline	10.469	138	126717	43.684	ng	98
63) Azobenzene	10.592	77	600332	47.219	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	97342	50.717	ng	88
66) n-Nitrosodiphenylamine	10.551	169	464030	46.594	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	153727	44.996	ng	99
68) Hexachlorobenzene	10.986	284	171551	45.200	ng	96
69) Atrazine	11.080	200	143659	43.509	ng	98
70) Pentachlorophenol	11.186	266	176209	78.460	ng	98
71) Phenanthrene	11.404	178	765804	45.602	ng	100
72) Anthracene	11.457	178	795939	47.747	ng	100
73) Carbazole	11.610	167	676954	45.188	ng	99
74) Di-n-butylphthalate	11.933	149	844835	48.925	ng	100
75) Fluoranthene	12.586	202	751075	43.831	ng	97
77) Benzidine	12.710	184	103950	27.046	ng	99
78) Pyrene	12.816	202	737067	47.663	ng	98
80) Butylbenzylphthalate	13.433	149	249881	53.716	ng	99
81) Benzo(a)anthracene	14.004	228	485004	47.448	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	86521	32.849	ng	# 98
83) Chrysene	14.039	228	443307	45.844	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	287562	57.961	ng	99
85) Di-n-octyl phthalate	14.598	149	467512	59.649	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	554510	49.013	ng	99
88) Benzo(b)fluoranthene	15.051	252	432874	45.636	ng	99
89) Benzo(k)fluoranthene	15.080	252	410219	44.343	ng	99
90) Benzo(a)pyrene	15.415	252	410009	49.206	ng	100
91) Dibenzo(a,h)anthracene	16.962	278	447333	48.337	ng	100
92) Benzo(g,h,i)perylene	17.392	276	436174	44.447	ng	97

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

