

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
 Data File : BF138982.D
 Acq On : 13 Aug 2024 19:33
 Operator : RC/JU
 Sample : PB162660BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162660BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

Quant Time: Aug 14 00:36:38 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	52490	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	219450	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	121118	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	201290	20.000	ng	0.00
76) Chrysene-d12	14.004	240	101195	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	94247	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	442240	130.056	ng	0.02
7) Phenol-d6	6.493	99	585775	128.309	ng	0.00
23) Nitrobenzene-d5	7.410	82	387298	86.286	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	132615	133.668	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	708539	87.896	ng	0.00
79) Terphenyl-d14	12.939	244	638888	105.704	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.705	88	45148	30.327	ng	# 95
3) Pyridine	3.457	79	117456	32.570	ng	94
4) n-Nitrosodimethylamine	3.422	42	113727	52.950	ng	# 80
6) Aniline	6.510	93	130251	31.991	ng	# 7
8) 2-Chlorophenol	6.634	128	170117	47.551	ng	98
9) Benzaldehyde	6.398	77	85724	31.324	ng	100
10) Phenol	6.510	94	224455	46.695	ng	85
11) bis(2-Chloroethyl)ether	6.581	93	162197	43.849	ng	99
12) 1,3-Dichlorobenzene	6.781	146	177298	44.273	ng	98
13) 1,4-Dichlorobenzene	6.857	146	180961	44.776	ng	100
14) 1,2-Dichlorobenzene	7.010	146	171966	45.530	ng	100
15) Benzyl Alcohol	6.992	79	166004	50.450	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	278504	43.750	ng	# 48
17) 2-Methylphenol	7.110	107	139713	47.293	ng	# 85
18) Hexachloroethane	7.345	117	69536	45.709	ng	99
19) n-Nitroso-di-n-propyla...	7.263	70	133729	48.498	ng	97
20) 3+4-Methylphenols	7.263	107	185307	48.889	ng	# 78
22) Acetophenone	7.257	105	238303	44.350	ng	96
24) Nitrobenzene	7.428	77	202129	44.255	ng	98
25) Isophorone	7.669	82	355545	46.389	ng	99
26) 2-Nitrophenol	7.745	139	93765	47.717	ng	95
27) 2,4-Dimethylphenol	7.787	122	117939	50.163	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	207450	44.447	ng	99
29) 2,4-Dichlorophenol	7.992	162	143901	47.631	ng	100
30) 1,2,4-Trichlorobenzene	8.063	180	156395	44.858	ng	98
31) Naphthalene	8.145	128	512449	44.363	ng	99
32) Benzoic acid	7.945	122	53750	29.083	ng	94
33) 4-Chloroaniline	8.198	127	77826	20.071	ng	97
34) Hexachlorobutadiene	8.251	225	95456	45.202	ng	99
35) Caprolactam	8.586	113	40257m	44.657	ng	
36) 4-Chloro-3-methylphenol	8.698	107	166894	48.337	ng	100
37) 2-Methylnaphthalene	8.834	142	338763	46.437	ng	100
38) 1-Methylnaphthalene	8.934	142	308779	43.194	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	144274	42.881	ng	99
41) Hexachlorocyclopentadiene	8.981	237	88266	97.451	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	92509	45.096	ng	98

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44) 2,4,5-Trichlorophenol	9.175	196	98568	43.953	ng	100
46) 1,1'-Biphenyl	9.298	154	397066	41.859	ng	99
47) 2-Chloronaphthalene	9.328	162	311048	44.090	ng	98
48) 2-Nitroaniline	9.434	65	115368	48.237	ng	97
49) Acenaphthylene	9.739	152	491841	49.155	ng	99
50) Dimethylphthalate	9.604	163	380765	49.166	ng	100
51) 2,6-Dinitrotoluene	9.675	165	82134	46.993	ng	92
52) Acenaphthene	9.910	154	299852	44.580	ng	100
53) 3-Nitroaniline	9.845	138	55440	30.684	ng	97
54) 2,4-Dinitrophenol	9.963	184	62191	77.298	ng	# 84
55) Dibenzofuran	10.081	168	447881	47.172	ng	97
56) 4-Nitrophenol	10.028	139	66236	60.961	ng	83
57) 2,4-Dinitrotoluene	10.081	165	108976	48.871	ng	# 79
58) Fluorene	10.428	166	362865	47.992	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	82203	47.946	ng	95
60) Diethylphthalate	10.298	149	376536	51.278	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	176107	47.358	ng	98
62) 4-Nitroaniline	10.463	138	71066m	41.389	ng	
63) Azobenzene	10.575	77	390547	47.954	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	55513	45.205	ng	92
66) n-Nitrosodiphenylamine	10.539	169	303717	48.271	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	101733	46.681	ng	97
68) Hexachlorobenzene	10.975	284	104683	46.522	ng	99
69) Atrazine	11.063	200	89831	55.338	ng	96
70) Pentachlorophenol	11.175	266	66476	65.542	ng	100
71) Phenanthrene	11.386	178	502257	48.458	ng	99
72) Anthracene	11.439	178	504976	49.455	ng	100
73) Carbazole	11.598	167	397577	45.131	ng	98
74) Di-n-butylphthalate	11.916	149	552582	55.799	ng	99
75) Fluoranthene	12.574	202	449174	46.421	ng	98
77) Benzidine	12.698	184	32900	13.593	ng	98
78) Pyrene	12.804	202	434374	45.590	ng	99
80) Butylbenzylphthalate	13.410	149	162438	53.240	ng	98
81) Benzo(a)anthracene	13.992	228	328521	47.144	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	65042	36.473	ng	99
83) Chrysene	14.027	228	300927	47.866	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	216537	48.466	ng	98
85) Di-n-octyl phthalate	14.574	149	346051	41.864	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	278951	41.301	ng	96
88) Benzo(b)fluoranthene	15.039	252	279937	47.915	ng	99
89) Benzo(k)fluoranthene	15.068	252	291803	57.686	ng	98
90) Benzo(a)pyrene	15.404	252	261766	53.266	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	224452	40.484	ng	98
92) Benzo(g,h,i)perylene	17.386	276	203015	35.287	ng	96

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

