

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
 Data File : BF138694.D
 Acq On : 31 Jul 2024 10:31
 Operator : RC/JU
 Sample : PB162317BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162317BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Jul 31 11:11:00 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	6.845	152	78938	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	328918	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	175164	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	316320	20.000	ng	0.00
76) Chrysene-d12	14.010	240	150487	20.000	ng	0.00
86) Perylene-d12	15.468	264	150788	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	482273	94.310	ng	0.01
7) Phenol-d6	6.487	99	644900	93.931	ng	0.00
23) Nitrobenzene-d5	7.410	82	610345	90.723	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	149024	103.862	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1059040	90.841	ng	0.00
79) Terphenyl-d14	12.951	244	1025987	114.148	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.705	88	88832	39.678	ng	100
3) Pyridine	3.446	79	224729	41.437	ng	97
4) n-Nitrosodimethylamine	3.410	42	155802	48.235	ng	98
6) Aniline	6.510	93	266236	43.482	ng	90
8) 2-Chlorophenol	6.634	128	268561	49.916	ng	98
9) Benzaldehyde	6.398	77	28285	6.873	ng	95
10) Phenol	6.498	94	356192	49.274	ng	95
11) bis(2-Chloroethyl)ether	6.581	93	261957	47.091	ng	99
12) 1,3-Dichlorobenzene	6.787	146	272066	45.175	ng	100
13) 1,4-Dichlorobenzene	6.863	146	275903	45.395	ng	99
14) 1,2-Dichlorobenzene	7.016	146	263374	46.368	ng	99
15) Benzyl Alcohol	6.993	79	258445	52.228	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	458100	47.852	ng	98
17) 2-Methylphenol	7.104	107	221990	49.968	ng	97
18) Hexachloroethane	7.351	117	104002	45.459	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	205542	49.567	ng	96
20) 3+4-Methylphenols	7.257	107	277016	48.598	ng	91
22) Acetophenone	7.257	105	370074	45.952	ng	98
24) Nitrobenzene	7.434	77	305804	44.671	ng	97
25) Isophorone	7.669	82	562818	48.994	ng	99
26) 2-Nitrophenol	7.745	139	144614	49.101	ng	99
27) 2,4-Dimethylphenol	7.787	122	245029m	69.534	ng	
28) bis(2-Chloroethoxy)met...	7.875	93	331753	47.423	ng	99
29) 2,4-Dichlorophenol	7.992	162	223497	49.357	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	238353	45.612	ng	97
31) Naphthalene	8.151	128	785911	45.394	ng	100
32) Benzoic acid	7.928	122	131908	47.619	ng	98
33) 4-Chloroaniline	8.198	127	188196	32.383	ng	99
34) Hexachlorobutadiene	8.263	225	136408	43.097	ng	98
35) Caprolactam	8.575	113	73464m	54.372	ng	
36) 4-Chloro-3-methylphenol	8.687	107	256516	49.568	ng	99
37) 2-Methylnaphthalene	8.839	142	511228	46.755	ng	99
38) 1-Methylnaphthalene	8.939	142	473181	44.162	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	224623	46.163	ng	98
41) Hexachlorocyclopentadiene	8.986	237	230847	170.599	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	144959	48.861	ng	100

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44) 2,4,5-Trichlorophenol	9.169	196	157106	48.440	ng	99
46) 1,1'-Biphenyl	9.304	154	647003	47.163	ng	100
47) 2-Chloronaphthalene	9.328	162	478080	46.857	ng	100
48) 2-Nitroaniline	9.428	65	177401	51.288	ng	98
49) Acenaphthylene	9.745	152	728188	50.321	ng	100
50) Dimethylphthalate	9.610	163	583575	52.104	ng	99
51) 2,6-Dinitrotoluene	9.675	165	129867	51.378	ng	98
52) Acenaphthene	9.916	154	475601	48.892	ng	100
53) 3-Nitroaniline	9.839	138	92677	35.467	ng	99
54) 2,4-Dinitrophenol	9.957	184	138974	119.437	ng	96
55) Dibenzofuran	10.086	168	674556	49.125	ng	99
56) 4-Nitrophenol	10.016	139	188535	119.982	ng	98
57) 2,4-Dinitrotoluene	10.081	165	169043	52.418	ng	93
58) Fluorene	10.433	166	538123	49.212	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	140809	56.788	ng	98
60) Diethylphthalate	10.304	149	562343	52.953	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	261765	48.674	ng	98
62) 4-Nitroaniline	10.457	138	124884	50.291	ng	96
63) Azobenzene	10.581	77	597149	50.699	ng	100
65) 4,6-Dinitro-2-methylph...	10.486	198	96861	50.192	ng	96
66) n-Nitrosodiphenylamine	10.545	169	471293	47.666	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	156013	45.554	ng	99
68) Hexachlorobenzene	10.980	284	161278	45.609	ng	96
69) Atrazine	11.069	200	153359	60.118	ng	98
70) Pentachlorophenol	11.180	266	155400	97.499	ng	99
71) Phenanthrene	11.392	178	792719	48.669	ng	100
72) Anthracene	11.445	178	781032	48.675	ng	99
73) Carbazole	11.604	167	663458	47.925	ng	99
74) Di-n-butylphthalate	11.927	149	827372	53.165	ng	100
75) Fluoranthene	12.580	202	725402	47.706	ng	100
77) Benzidine	12.704	184	101908	28.313	ng	100
78) Pyrene	12.810	202	715216	50.478	ng	99
80) Butylbenzylphthalate	13.422	149	236194	52.057	ng	99
81) Benzo(a)anthracene	13.998	228	507928	49.014	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	129282	48.751	ng	99
83) Chrysene	14.033	228	445832	47.686	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	304194	45.784	ng	99
85) Di-n-octyl phthalate	14.592	149	545252	44.356	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	529792	49.028	ng	99
88) Benzo(b)fluoranthene	15.045	252	463540	49.590	ng	99
89) Benzo(k)fluoranthene	15.074	252	430293	53.168	ng	99
90) Benzo(a)pyrene	15.410	252	397565	50.565	ng	99
91) Dibenzo(a,h)anthracene	16.957	278	438701	49.457	ng	100
92) Benzo(g,h,i)perylene	17.386	276	427711	46.466	ng	99

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

