

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
 Data File : BF137661.D
 Acq On : 21 Mar 2024 15:21
 Operator : CG\JU
 Sample : PB159709BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159709BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024
 Supervised By :mohammad ahmed 03/26/2024

Quant Time: Mar 21 15:41:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	197121	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	774609	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	401368	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	672185	20.000	ng	0.00
76) Chrysene-d12	13.880	240	377607	20.000	ng	0.00
86) Perylene-d12	15.298	264	359324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1580937	121.468	ng	0.02
7) Phenol-d6	6.375	99	2114293	112.539	ng	0.00
23) Nitrobenzene-d5	7.298	82	1364093	81.824	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	513185	145.597	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2201149	85.846	ng	0.00
79) Terphenyl-d14	12.833	244	2207542	80.391	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.493	88	247086	34.720	ng	96
3) Pyridine	3.193	79	533901	31.107	ng	98
4) n-Nitrosodimethylamine	3.157	42	267211	39.192	ng	93
6) Aniline	6.392	93	504384	21.972	ng	# 50
8) 2-Chlorophenol	6.510	128	623543	45.422	ng	96
10) Phenol	6.387	94	803492	39.735	ng	91
11) bis(2-Chloroethyl)ether	6.469	93	649141	43.808	ng	98
12) 1,3-Dichlorobenzene	6.669	146	648328	44.197	ng	95
13) 1,4-Dichlorobenzene	6.745	146	668423	44.535	ng	98
14) 1,2-Dichlorobenzene	6.892	146	617767	44.844	ng	99
15) Benzyl Alcohol	6.881	79	556506	47.581	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.004	45	962561	37.790	ng	89
17) 2-Methylphenol	6.992	107	512836	39.924	ng	98
18) Hexachloroethane	7.234	117	228315	46.199	ng	96
19) n-Nitroso-di-n-propyla...	7.151	70	452160	38.975	ng	97
20) 3+4-Methylphenols	7.145	107	579737	39.407	ng	97
22) Acetophenone	7.140	105	848504	45.273	ng	# 95
24) Nitrobenzene	7.316	77	704615	42.074	ng	98
25) Isophorone	7.551	82	1324744	41.827	ng	99
26) 2-Nitrophenol	7.628	139	320246	48.166	ng	99
27) 2,4-Dimethylphenol	7.669	122	481594	38.765	ng	98
28) bis(2-Chloroethoxy)met...	7.769	93	796298	42.851	ng	98
29) 2,4-Dichlorophenol	7.875	162	511750	44.882	ng	97
30) 1,2,4-Trichlorobenzene	7.951	180	542832	45.241	ng	99
31) Naphthalene	8.034	128	1723120	41.460	ng	99
32) Benzoic acid	7.828	122	272659	39.408	ng	99
33) 4-Chloroaniline	8.086	127	174146	10.686	ng	98
34) Hexachlorobutadiene	8.145	225	322204	45.485	ng	98
35) Caprolactam	8.469	113	175261m	45.331	ng	
36) 4-Chloro-3-methylphenol	8.581	107	552153	43.323	ng	97
37) 2-Methylnaphthalene	8.722	142	1050230	39.639	ng	98
38) 1-Methylnaphthalene	8.822	142	1021319	40.933	ng	100
40) 1,2,4,5-Tetrachloroben...	8.886	216	554219	49.461	ng	100
41) Hexachlorocyclopentadiene	8.875	237	397272	86.169	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	343177	47.031	ng	99
44) 2,4,5-Trichlorophenol	9.057	196	358903	42.698	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.186	154	1353136	46.062	ng	99
47) 2-Chloronaphthalene	9.216	162	1047937	46.789	ng	98
48) 2-Nitroaniline	9.316	65	347669	45.670	ng	99
49) Acenaphthylene	9.628	152	1609877	44.914	ng	99
50) Dimethylphthalate	9.498	163	1264391	45.254	ng	99
51) 2,6-Dinitrotoluene	9.557	165	278037	47.577	ng	93
52) Acenaphthene	9.798	154	912440	42.640	ng	99
53) 3-Nitroaniline	9.728	138	135867	21.980	ng	93
54) 2,4-Dinitrophenol	9.839	184	249926	86.893	ng	93
55) Dibenzofuran	9.969	168	1353253	41.521	ng	97
56) 4-Nitrophenol	9.898	139	346851	78.935	ng	97
57) 2,4-Dinitrotoluene	9.963	165	326837	45.523	ng	92
58) Fluorene	10.310	166	1062017	42.430	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.092	232	307153	45.568	ng	96
60) Diethylphthalate	10.192	149	1168394	44.284	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	522506	42.594	ng	98
62) 4-Nitroaniline	10.345	138	216386	40.730	ng	96
63) Azobenzene	10.463	77	1216933	40.055	ng	99
65) 4,6-Dinitro-2-methylph...	10.369	198	183053	48.861	ng	87
66) n-Nitrosodiphenylamine	10.428	169	950636	43.919	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	337109	46.045	ng	100
68) Hexachlorobenzene	10.857	284	371989	50.305	ng	# 89
69) Atrazine	10.957	200	310984	47.261	ng	98
70) Pentachlorophenol	11.057	266	374479	83.773	ng	99
71) Phenanthrene	11.275	178	1544429	42.219	ng	99
72) Anthracene	11.322	178	1581785	42.101	ng	99
73) Carbazole	11.480	167	1374929	42.723	ng	99
74) Di-n-butylphthalate	11.810	149	1697772	44.340	ng	99
75) Fluoranthene	12.457	202	1465937	40.996	ng	97
77) Benzidine	12.586	184	172231	18.638	ng	99
78) Pyrene	12.686	202	1482736	40.018	ng	99
80) Butylbenzylphthalate	13.304	149	551297	58.261	ng	100
81) Benzo(a)anthracene	13.868	228	1114020	42.092	ng	98
82) 3,3'-Dichlorobenzidine	13.833	252	239710	34.011	ng	99
83) Chrysene	13.910	228	1119419	41.849	ng	100
84) Bis(2-ethylhexyl)phtha...	13.863	149	708606	58.917	ng	98
85) Di-n-octyl phthalate	14.474	149	1196854	51.210	ng	96
87) Indeno(1,2,3-cd)pyrene	16.698	276	1041146	44.031	ng	96
88) Benzo(b)fluoranthene	14.898	252	1023362	48.146	ng	98
89) Benzo(k)fluoranthene	14.927	252	972518	42.598	ng	98
90) Benzo(a)pyrene	15.245	252	893659	42.665	ng	99
91) Dibenzo(a,h)anthracene	16.709	278	841948	43.893	ng	98
92) Benzo(g,h,i)perylene	17.115	276	854497	43.377	ng	96

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

