

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
 Data File : BF137558.D
 Acq On : 11 Mar 2024 16:13
 Operator : CG\JU
 Sample : PB159533BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159533BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/12/2024
 Supervised By :mohammad ahmed 03/12/2024

Quant Time: Mar 12 02:04:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 12 02:00:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	233547	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	938920	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	522788	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	941249	20.000	ng	0.00
76) Chrysene-d12	14.098	240	517827	20.000	ng	0.00
86) Perylene-d12	15.651	264	465573	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1911928	123.987	ng	0.02
7) Phenol-d6	6.557	99	2638445	118.535	ng	0.00
23) Nitrobenzene-d5	7.469	82	1689634	83.614	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	698807	152.213	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2719122	81.417	ng	0.00
79) Terphenyl-d14	13.039	244	3180632	84.463	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.910	88	301153	35.717	ng	98
3) Pyridine	3.675	79	681819	33.529	ng	97
4) n-Nitrosodimethylamine	3.657	42	356892	43.697	ng	100
6) Aniline	6.581	93	568862	20.915	ng	95
8) 2-Chlorophenol	6.698	128	776188	47.723	ng	98
9) Benzaldehyde	6.469	77	364753	33.449	ng	97
10) Phenol	6.569	94	1016926	42.446	ng	97
11) bis(2-Chloroethyl)ether	6.651	93	800880	45.618	ng	99
12) 1,3-Dichlorobenzene	6.845	146	787189	45.293	ng	98
13) 1,4-Dichlorobenzene	6.922	146	786665	44.239	ng	97
14) 1,2-Dichlorobenzene	7.069	146	759621	46.541	ng	99
15) Benzyl Alcohol	7.051	79	716603	51.713	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1246058	41.291	ng	92
17) 2-Methylphenol	7.163	107	655062	43.042	ng	97
18) Hexachloroethane	7.404	117	277367	47.371	ng	93
19) n-Nitroso-di-n-propyla...	7.322	70	578192	42.065	ng	100
20) 3+4-Methylphenols	7.316	107	731629	41.975	ng	94
22) Acetophenone	7.310	105	1011044	44.505	ng	# 98
24) Nitrobenzene	7.486	77	881505	43.425	ng	97
25) Isophorone	7.722	82	1727225	44.991	ng	99
26) 2-Nitrophenol	7.798	139	411262	51.030	ng	96
27) 2,4-Dimethylphenol	7.839	122	597772	39.696	ng	98
28) bis(2-Chloroethoxy)met...	7.933	93	1027655	45.623	ng	100
29) 2,4-Dichlorophenol	8.039	162	658148	47.621	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	676161	46.491	ng	99
31) Naphthalene	8.198	128	2176112	43.197	ng	100
32) Benzoic acid	7.992	122	435242	49.902	ng	96
33) 4-Chloroaniline	8.251	127	374280	18.947	ng	99
34) Hexachlorobutadiene	8.310	225	390767	45.510	ng	99
35) Caprolactam	8.633	113	235709m	50.297	ng	
36) 4-Chloro-3-methylphenol	8.745	107	722020	46.737	ng	99
37) 2-Methylnaphthalene	8.892	142	1375949	42.845	ng	99
38) 1-Methylnaphthalene	8.992	142	1309088	43.285	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	664872	45.555	ng	99
41) Hexachlorocyclopentadiene	9.039	237	574738	94.796	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	457515	48.138	ng	99

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44) 2,4,5-Trichlorophenol	9.228	196	476302	43.504	ng	98
46) 1,1'-Biphenyl	9.357	154	1676038	43.803	ng	99
47) 2-Chloronaphthalene	9.380	162	1348528	46.226	ng	98
48) 2-Nitroaniline	9.486	65	487651	49.180	ng	99
49) Acenaphthylene	9.798	152	2099007	44.960	ng	100
50) Dimethylphthalate	9.669	163	1667343	45.816	ng	99
51) 2,6-Dinitrotoluene	9.733	165	371737	48.837	ng	87
52) Acenaphthene	9.975	154	1185031	42.517	ng	99
53) 3-Nitroaniline	9.898	138	268700	33.374	ng	96
54) 2,4-Dinitrophenol	10.010	184	395575	103.819	ng	95
55) Dibenzofuran	10.145	168	1797880	42.351	ng	99
56) 4-Nitrophenol	10.080	139	543894	94.106	ng	94
57) 2,4-Dinitrotoluene	10.139	165	440771	47.133	ng	# 88
58) Fluorene	10.492	166	1373076	42.116	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.269	232	430977	49.088	ng	95
60) Diethylphthalate	10.374	149	1561100	45.426	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	670671	41.975	ng	94
62) 4-Nitroaniline	10.527	138	338953	48.982	ng	97
63) Azobenzene	10.645	77	1734339	43.827	ng	99
65) 4,6-Dinitro-2-methylph...	10.551	198	274533	52.332	ng	87
66) n-Nitrosodiphenylamine	10.610	169	1285361	42.408	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	463411	45.203	ng	94
68) Hexachlorobenzene	11.039	284	497841	48.079	ng	94
69) Atrazine	11.145	200	382424	41.505	ng	98
70) Pentachlorophenol	11.239	266	567852	90.718	ng	99
71) Phenanthrene	11.463	178	2170658	42.375	ng	99
72) Anthracene	11.516	178	2201814	41.851	ng	100
73) Carbazole	11.669	167	1978710	43.908	ng	100
74) Di-n-butylphthalate	12.010	149	2353410	43.893	ng	99
75) Fluoranthene	12.657	202	2194923	43.836	ng	98
77) Benzidine	12.786	184	209220	16.510	ng	98
78) Pyrene	12.886	202	2201450	43.327	ng	99
80) Butylbenzylphthalate	13.521	149	764344	58.903	ng	98
81) Benzo(a)anthracene	14.086	228	1603986	44.194	ng	99
82) 3,3'-Dichlorobenzidine	14.057	252	391243	40.480	ng	99
83) Chrysene	14.127	228	1630953	44.462	ng	100
84) Bis(2-ethylhexyl)phtha...	14.086	149	900532	54.600	ng	99
85) Di-n-octyl phthalate	14.721	149	1546407	48.573	ng	98
87) Indeno(1,2,3-cd)pyrene	17.292	276	1496400	48.841	ng	97
88) Benzo(b)fluoranthene	15.186	252	1432143	52.001	ng	99
89) Benzo(k)fluoranthene	15.221	252	1313422	44.401	ng	99
90) Benzo(a)pyrene	15.586	252	1265544	46.631	ng	99
91) Dibenzo(a,h)anthracene	17.321	278	1211379	48.740	ng	98
92) Benzo(g,h,i)perylene	17.792	276	1200167	47.020	ng	100

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

