

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020624\
 Data File : BF137292.D
 Acq On : 06 Feb 2024 15:20
 Operator : CG\JU
 Sample : PB158836BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158836BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
 Supervised By :mohammad ahmed 02/08/2024

Quant Time: Feb 06 16:01:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	75624	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	299856	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	187949	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	385935	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	271845	20.000	ng	0.00
86) Perylene-d12	15.463	264	218237	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	611209	133.363	ng	0.02
7) Phenol-d6	6.434	99	820591	125.464	ng	0.00
23) Nitrobenzene-d5	7.357	82	567858	84.787	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	298122	140.451	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1036074	75.779	ng	0.00
79) Terphenyl-d14	12.922	244	1466910	73.357	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	66712	27.204	ng	92
3) Pyridine	3.399	79	169206	34.961	ng	97
4) n-Nitrosodimethylamine	3.369	42	112723	45.471	ng	91
6) Aniline	6.457	93	291736	41.668	ng	92
8) 2-Chlorophenol	6.575	128	228433	44.577	ng	99
9) Benzaldehyde	6.345	77	67255	27.001	ng	94
10) Phenol	6.445	94	305845	41.893	ng	87
11) bis(2-Chloroethyl)ether	6.534	93	216081	44.289	ng	99
12) 1,3-Dichlorobenzene	6.734	146	240550	40.037	ng	97
13) 1,4-Dichlorobenzene	6.810	146	240536	38.711	ng	98
14) 1,2-Dichlorobenzene	6.957	146	236883	40.774	ng	98
15) Benzyl Alcohol	6.940	79	228533	49.182	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	354893	40.380	ng	99
17) 2-Methylphenol	7.045	107	190471	44.491	ng	98
18) Hexachloroethane	7.298	117	91328	40.753	ng	96
19) n-Nitroso-di-n-propyla...	7.210	70	192475	42.920	ng	96
20) 3+4-Methylphenols	7.204	107	247074	45.589	ng	92
22) Acetophenone	7.204	105	347677	43.069	ng	95
24) Nitrobenzene	7.375	77	283224	43.570	ng	99
25) Isophorone	7.616	82	521690	42.200	ng	98
26) 2-Nitrophenol	7.687	139	112450	44.852	ng	# 86
27) 2,4-Dimethylphenol	7.728	122	161611	45.737	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	279928	42.641	ng	99
29) 2,4-Dichlorophenol	7.928	162	200208	45.674	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	223379	41.026	ng	98
31) Naphthalene	8.092	128	662444	40.865	ng	99
32) Benzoic acid	7.869	122	139588	54.505	ng	96
33) 4-Chloroaniline	8.145	127	182470	32.724	ng	95
34) Hexachlorobutadiene	8.210	225	151310	41.794	ng	94
35) Caprolactam	8.528	113	55325m	40.591	ng	
36) 4-Chloro-3-methylphenol	8.628	107	243554	47.042	ng	99
37) 2-Methylnaphthalene	8.781	142	456180	41.975	ng	100
38) 1-Methylnaphthalene	8.881	142	429170	42.517	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	246069	39.127	ng	99
41) Hexachlorocyclopentadiene	8.934	237	307965	102.815	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	160260	44.928	ng	99

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44) 2,4,5-Trichlorophenol	9.104	196	170974	43.850	ng	98
46) 1,1'-Biphenyl	9.251	154	594173	39.734	ng	99
47) 2-Chloronaphthalene	9.275	162	438042	39.582	ng	99
48) 2-Nitroaniline	9.375	65	177429	49.535	ng	95
49) Acenaphthylene	9.692	152	723457	40.835	ng	99
50) Dimethylphthalate	9.563	163	557021	43.869	ng	99
51) 2,6-Dinitrotoluene	9.616	165	127916	47.244	ng	93
52) Acenaphthene	9.863	154	434193	41.699	ng	98
53) 3-Nitroaniline	9.792	138	100075	41.072	ng	96
54) 2,4-Dinitrophenol	9.898	184	145586	114.895	ng	91
55) Dibenzofuran	10.039	168	684131	41.297	ng	99
56) 4-Nitrophenol	9.963	139	196094	124.719	ng	93
57) 2,4-Dinitrotoluene	10.028	165	177716	50.586	ng	97
58) Fluorene	10.381	166	554430	42.691	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	170694m	47.051	ng	
60) Diethylphthalate	10.263	149	560508	44.833	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	268171	41.543	ng	98
62) 4-Nitroaniline	10.416	138	123541m	52.971	ng	
63) Azobenzene	10.533	77	596358	43.070	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	103228	50.211	ng	99
66) n-Nitrosodiphenylamine	10.498	169	483247	41.181	ng	97
67) 4-Bromophenyl-phenylether	10.869	248	178753	42.123	ng	98
68) Hexachlorobenzene	10.928	284	194447	41.022	ng	96
69) Atrazine	11.033	200	175570	45.322	ng	98
70) Pentachlorophenol	11.128	266	269567	99.207	ng	98
71) Phenanthrene	11.351	178	843910	41.769	ng	99
72) Anthracene	11.398	178	894804	42.491	ng	99
73) Carbazole	11.557	167	775081	44.040	ng	98
74) Di-n-butylphthalate	11.892	149	881810	46.351	ng	99
75) Fluoranthene	12.539	202	936786	44.310	ng	97
77) Benzidine	12.669	184	382280	78.532	ng	98
78) Pyrene	12.774	202	972122	37.211	ng	99
80) Butylbenzylphthalate	13.404	149	355022	53.124	ng	95
81) Benzo(a)anthracene	13.969	228	797435	41.420	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	236099	45.012	ng	99
83) Chrysene	14.010	228	794044	41.952	ng	98
84) Bis(2-ethylhexyl)phtha...	13.969	149	474831	61.071	ng	100
85) Di-n-octyl phthalate	14.592	149	768239	62.143	ng	100
87) Indeno(1,2,3-cd)pyrene	16.968	276	512167	33.404	ng	99
88) Benzo(b)fluoranthene	15.027	252	642361	47.861	ng	99
89) Benzo(k)fluoranthene	15.063	252	610797	43.019	ng	99
90) Benzo(a)pyrene	15.404	252	528346	41.831	ng	98
91) Dibenzo(a,h)anthracene	16.998	278	412810	33.602	ng	98
92) Benzo(g,h,i)perylene	17.427	276	391236	32.447	ng	100

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

