

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093024\
 Data File : BF139572.D
 Acq On : 30 Sep 2024 11:59
 Operator : RC/JU
 Sample : PB163737BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163737BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel
 10/01/2024

Supervised By :mohammad
 ahmed
 10/01/2024

Quant Time: Sep 30 12:54:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	77604	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	287808	20.000	ng	#-0.02
39) Acenaphthene-d10	9.898	164	160186	20.000	ng	-0.02
64) Phenanthrene-d10	11.386	188	313408	20.000	ng	#-0.01
76) Chrysene-d12	14.021	240	166700	20.000	ng	#-0.01
86) Perylene-d12	15.480	264	155284	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	645528	135.699	ng	0.00
7) Phenol-d6	6.504	99	848983	135.969	ng	0.00
23) Nitrobenzene-d5	7.434	82	554257	90.534	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	226365	132.736	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1030357	90.214	ng	-0.01
79) Terphenyl-d14	12.968	244	1091110	107.435	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	87691	45.947	ng	95
3) Pyridine	3.457	79	232410	55.232	ng	94
4) n-Nitrosodimethylamine	3.416	42	162597	44.581	ng	# 77
6) Aniline	6.528	93	281688	59.780	ng	# 79
8) 2-Chlorophenol	6.651	128	254453	51.963	ng	99
9) Benzaldehyde	6.416	77	43774	12.134	ng	95
10) Phenol	6.516	94	327400	51.483	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	250381	51.802	ng	99
12) 1,3-Dichlorobenzene	6.810	146	264192	47.440	ng	98
13) 1,4-Dichlorobenzene	6.886	146	272838	48.481	ng	98
14) 1,2-Dichlorobenzene	7.034	146	257173	48.362	ng	98
15) Benzyl Alcohol	7.010	79	242583	48.696	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.139	45	454171	60.971	ng	97
17) 2-Methylphenol	7.122	107	206784	53.150	ng	97
18) Hexachloroethane	7.375	117	101275	47.247	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	191111	51.650	ng	97
20) 3+4-Methylphenols	7.275	107	257050	48.428	ng	91
22) Acetophenone	7.275	105	349931	46.508	ng	99
24) Nitrobenzene	7.451	77	291114	46.202	ng	96
25) Isophorone	7.686	82	514037	53.091	ng	99
26) 2-Nitrophenol	7.763	139	131074	53.395	ng	90
27) 2,4-Dimethylphenol	7.798	122	206539	63.784	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	295442	53.541	ng	99
29) 2,4-Dichlorophenol	8.004	162	209875	51.019	ng	100
30) 1,2,4-Trichlorobenzene	8.086	180	221397	46.191	ng	98
31) Naphthalene	8.169	128	744723	49.565	ng	99
32) Benzoic acid	7.922	122	142846	47.139	ng	92
33) 4-Chloroaniline	8.216	127	141896	30.870	ng	97
34) Hexachlorobutadiene	8.281	225	144761	44.455	ng	98
35) Caprolactam	8.581	113	70445m	55.670	ng	
36) 4-Chloro-3-methylphenol	8.704	107	239782	51.003	ng	95
37) 2-Methylnaphthalene	8.857	142	485860	50.945	ng	98
38) 1-Methylnaphthalene	8.957	142	451539	48.225	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	228129	48.053	ng	98
41) Hexachlorocyclopentadiene	9.010	237	273918	165.250	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	156647	50.717	ng	98

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44) 2,4,5-Trichlorophenol	9.180	196	168209	51.629	ng	98
46) 1,1'-Biphenyl	9.322	154	605858	49.163	ng	99
47) 2-Chloronaphthalene	9.345	162	452446	49.103	ng	99
48) 2-Nitroaniline	9.445	65	177326	51.740	ng	97
49) Acenaphthylene	9.763	152	755579	54.475	ng	100
50) Dimethylphthalate	9.622	163	553602	52.655	ng	100
51) 2,6-Dinitrotoluene	9.686	165	120398	51.693	ng	92
52) Acenaphthene	9.933	154	534407	55.205	ng	100
53) 3-Nitroaniline	9.857	138	86932	37.347	ng	90
54) 2,4-Dinitrophenol	9.963	184	135872	104.692	ng	# 87
55) Dibenzofuran	10.110	168	687840	50.979	ng	95
56) 4-Nitrophenol	10.022	139	204404	106.127	ng	# 80
57) 2,4-Dinitrotoluene	10.092	165	164631	52.356	ng	99
58) Fluorene	10.451	166	540206	49.070	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	142807	52.988	ng	96
60) Diethylphthalate	10.322	149	565269	52.100	ng	98
61) 4-Chlorophenyl-phenyle...	10.439	204	263060	49.168	ng	95
62) 4-Nitroaniline	10.469	138	128415	50.549	ng	# 87
63) Azobenzene	10.598	77	573783	53.769	ng	95
65) 4,6-Dinitro-2-methylph...	10.498	198	88005	53.203	ng	93
66) n-Nitrosodiphenylamine	10.563	169	476928	52.049	ng	99
67) 4-Bromophenyl-phenylether	10.927	248	155230	49.981	ng	99
68) Hexachlorobenzene	10.992	284	177594	48.722	ng	99
69) Atrazine	11.086	200	155233	71.162	ng	100
70) Pentachlorophenol	11.192	266	199606	91.262	ng	99
71) Phenanthrene	11.410	178	786434	52.011	ng	99
72) Anthracene	11.463	178	810814	54.845	ng	99
73) Carbazole	11.616	167	732533	51.771	ng	99
74) Di-n-butylphthalate	11.945	149	859218	54.512	ng	99
75) Fluoranthene	12.598	202	815203	50.485	ng	98
77) Benzidine	12.716	184	223762	93.690	ng	100
78) Pyrene	12.827	202	827644	57.823	ng	100
80) Butylbenzylphthalate	13.439	149	299029	61.377	ng	99
81) Benzo(a)anthracene	14.010	228	585398	53.015	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	134556	41.610	ng	99
83) Chrysene	14.045	228	549220	54.063	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	393618	63.509	ng	99
85) Di-n-octyl phthalate	14.604	149	569174	62.357	ng	98
87) Indeno(1,2,3-cd)pyrene	16.945	276	521440	56.472	ng	# 95
88) Benzo(b)fluoranthene	15.057	252	491235	51.294	ng	99
89) Benzo(k)fluoranthene	15.086	252	464275	52.578	ng	# 99
90) Benzo(a)pyrene	15.421	252	450523	56.722	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	427712	56.057	ng	97
92) Benzo(g,h,i)perylene	17.392	276	402695	53.304	ng	# 96

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

