

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
 Data File : BF135693.D
 Acq On : 10 Oct 2023 19:37
 Operator : CG\JU
 Sample : 04731-04MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

DTP-2MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/12/2023

Quant Time: Oct 11 03:02:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 02:43:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	77692	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	293822	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	144329	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	278526	20.000	ng	0.00
76) Chrysene-d12	13.933	240	149962	20.000	ng	0.00
86) Perylene-d12	15.404	264	147201	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	461238	96.558	ng	0.01
7) Phenol-d6	6.392	99	564341	92.911	ng	0.00
23) Nitrobenzene-d5	7.304	82	348869	64.508	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	140489	97.951	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	628629	65.713	ng	0.00
79) Terphenyl-d14	12.868	244	648352	67.022	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.498	88	118809	56.737	ng	99
3) Pyridine	3.246	79	263319	46.722	ng	96
4) n-Nitrosodimethylamine	3.222	42	169613	56.713	ng	98
6) Aniline	6.410	93	304939	38.285	ng	# 53
8) 2-Chlorophenol	6.534	128	288519	56.581	ng	94
9) Benzaldehyde	6.298	77	153997	44.505	ng	99
10) Phenol	6.404	94	344015	51.651	ng	79
11) bis(2-Chloroethyl)ether	6.481	93	274882	55.020	ng	99
12) 1,3-Dichlorobenzene	6.675	146	293929	56.718	ng	99
13) 1,4-Dichlorobenzene	6.757	146	298025	56.524	ng	98
14) 1,2-Dichlorobenzene	6.904	146	277220	56.618	ng	99
15) Benzyl Alcohol	6.892	79	224786	51.573	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	503101	53.425	ng	64
17) 2-Methylphenol	7.010	107	227682	50.597	ng	# 92
18) Hexachloroethane	7.239	117	111512	57.240	ng	93
19) n-Nitroso-di-n-propyla...	7.157	70	192208	51.089	ng	95
20) 3+4-Methylphenols	7.163	107	285898	52.837	ng	# 74
22) Acetophenone	7.151	105	381439	56.783	ng	91
24) Nitrobenzene	7.328	77	296001	55.375	ng	98
25) Isophorone	7.563	82	534972	53.870	ng	98
26) 2-Nitrophenol	7.645	139	150902	58.819	ng	96
27) 2,4-Dimethylphenol	7.686	122	213224	49.445	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	329770	55.480	ng	99
29) 2,4-Dichlorophenol	7.892	162	230941	57.795	ng	96
30) 1,2,4-Trichlorobenzene	7.963	180	238371	57.073	ng	99
31) Naphthalene	8.039	128	797901	55.891	ng	99
32) Benzoic acid	7.839	122	154454	47.565	ng	93
33) 4-Chloroaniline	8.098	127	217735	34.763	ng	99
34) Hexachlorobutadiene	8.151	225	143103	56.823	ng	98
35) Caprolactam	8.475	113	77830m	58.036	ng	
36) 4-Chloro-3-methylphenol	8.598	107	244633	55.084	ng	95
37) 2-Methylnaphthalene	8.733	142	499783	52.081	ng	97
38) 1-Methylnaphthalene	8.833	142	480588	53.492	ng	100
40) 1,2,4,5-Tetrachloroben...	8.898	216	244035	58.363	ng	99
41) Hexachlorocyclopentadiene	8.880	237	100369	56.833	ng	100
43) 2,4,6-Trichlorophenol	9.022	196	148823	54.361	ng	98

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44) 2,4,5-Trichlorophenol	9.069	196	159994	50.747	ng	96
46) 1,1'-Biphenyl	9.198	154	639490	57.656	ng	100
47) 2-Chloronaphthalene	9.222	162	458737	57.004	ng	96
48) 2-Nitroaniline	9.333	65	179992	57.571	ng	96
49) Acenaphthylene	9.639	152	769971	57.571	ng	99
50) Dimethylphthalate	9.504	163	529560	54.269	ng	99
51) 2,6-Dinitrotoluene	9.580	165	117572	55.000	ng	# 82
52) Acenaphthene	9.810	154	445016	56.325	ng	97
53) 3-Nitroaniline	9.751	138	106010	42.247	ng	94
54) 2,4-Dinitrophenol	9.874	184	107858	88.185	ng	95
55) Dibenzofuran	9.986	168	653953	54.240	ng	97
56) 4-Nitrophenol	9.939	139	129819	81.403	ng	94
57) 2,4-Dinitrotoluene	9.992	165	148670	55.553	ng	96
58) Fluorene	10.333	166	531565	57.351	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	128897	53.148	ng	97
60) Diethylphthalate	10.210	149	538283	54.965	ng	100
61) 4-Chlorophenyl-phenyle...	10.322	204	247393	55.565	ng	94
62) 4-Nitroaniline	10.374	138	129578	53.722	ng	96
63) Azobenzene	10.480	77	525712	54.850	ng	96
65) 4,6-Dinitro-2-methylph...	10.404	198	77399	52.320	ng	96
66) n-Nitrosodiphenylamine	10.445	169	474037	56.217	ng	98
67) 4-Bromophenyl-phenylether	10.810	248	152595	55.086	ng	93
68) Hexachlorobenzene	10.880	284	165266	58.560	ng	92
69) Atrazine	10.980	200	146231	64.451	ng	99
70) Pentachlorophenol	11.086	266	119347	70.683	ng	96
71) Phenanthrene	11.298	178	754361	57.265	ng	99
72) Anthracene	11.351	178	757640	55.954	ng	100
73) Carbazole	11.516	167	734773	59.611	ng	99
74) Di-n-butylphthalate	11.839	149	822167	56.605	ng	100
75) Fluoranthene	12.498	202	799015	58.211	ng	98
77) Benzidine	12.627	184	227368	74.007	ng	98
78) Pyrene	12.727	202	812018	56.874	ng	100
80) Butylbenzylphthalate	13.345	149	301244	59.927	ng	100
81) Benzo(a)anthracene	13.921	228	559114	57.739	ng	100
82) 3,3'-Dichlorobenzidine	13.886	252	155781	51.504	ng	99
83) Chrysene	13.962	228	523885	54.415	ng	99
84) Bis(2-ethylhexyl)phtha...	13.904	149	372947	72.298	ng	# 98
85) Di-n-octyl phthalate	14.521	149	524896	64.029	ng	99
87) Indeno(1,2,3-cd)pyrene	16.903	276	545566	56.527	ng	99
88) Benzo(b)fluoranthene	14.980	252	459889	57.713	ng	98
89) Benzo(k)fluoranthene	15.004	252	405876	51.563	ng	98
90) Benzo(a)pyrene	15.345	252	405636	53.380	ng	98
91) Dibenzo(a,h)anthracene	16.903	278	448270	56.765	ng	97
92) Benzo(g,h,i)perylene	17.350	276	455378	55.215	ng	98

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

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