

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
 Data File : BF136031.D
 Acq On : 30 Oct 2023 16:24
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

ICVBF103023

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023

Quant Time: Oct 31 01:14:49 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Oct 31 01:13:02 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	164262	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	628627	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	316584	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	576835	20.000	ng	0.00
76) Chrysene-d12	14.015	240	328557	20.000	ng	0.00
86) Perylene-d12	15.498	264	288386	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	823258	78.757	ng	0.00
7) Phenol-d6	6.457	99	1014657	77.906	ng	0.00
23) Nitrobenzene-d5	7.392	82	874252	83.837	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	281493	83.303	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1610301	81.084	ng	0.00
79) Terphenyl-d14	12.957	244	1801162	85.193	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	179329	39.397	ng	99
3) Pyridine	3.334	79	488734	39.337	ng	98
4) n-Nitrosodimethylamine	3.304	42	206366	39.727	ng	95
6) Aniline	6.492	93	660807	39.189	ng	98
8) 2-Chlorophenol	6.610	128	437247	39.125	ng	99
9) Benzaldehyde	6.375	77	279479	38.484	ng	95
10) Phenol	6.469	94	540668m	40.136	ng	
11) bis(2-Chloroethyl)ether	6.569	93	411457	39.016	ng	99
12) 1,3-Dichlorobenzene	6.763	146	452222	38.879	ng	95
13) 1,4-Dichlorobenzene	6.845	146	455586	39.083	ng	99
14) 1,2-Dichlorobenzene	6.992	146	419524	38.490	ng	95
15) Benzyl Alcohol	6.969	79	366645	39.703	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	565880	38.984	ng	99
17) 2-Methylphenol	7.075	107	373351	39.380	ng	98
18) Hexachloroethane	7.333	117	162269	39.606	ng	99
19) n-Nitroso-di-n-propyla...	7.239	70	284302	38.204	ng	96
20) 3+4-Methylphenols	7.233	107	447137	38.677	ng	93
22) Acetophenone	7.233	105	556679	39.936	ng	# 89
24) Nitrobenzene	7.410	77	435014	41.241	ng	99
25) Isophorone	7.645	82	785516	39.900	ng	100
26) 2-Nitrophenol	7.722	139	214583	44.588	ng	99
27) 2,4-Dimethylphenol	7.757	122	368830	40.557	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	487306	40.399	ng	99
29) 2,4-Dichlorophenol	7.963	162	353544	41.238	ng	100
30) 1,2,4-Trichlorobenzene	8.045	180	376725	40.280	ng	98
31) Naphthalene	8.128	128	1219018	40.214	ng	99
32) Benzoic acid	7.869	122	290839m	40.782	ng	
33) 4-Chloroaniline	8.175	127	534564	40.267	ng	100
34) Hexachlorobutadiene	8.245	225	221863	41.365	ng	99
35) Caprolactam	8.551	113	114325	41.010	ng	86
36) 4-Chloro-3-methylphenol	8.657	107	368526	40.944	ng	99
37) 2-Methylnaphthalene	8.822	142	813284	40.012	ng	99
38) 1-Methylnaphthalene	8.922	142	765244	40.456	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	370760	41.065	ng	99
41) Hexachlorocyclopentadiene	8.975	237	210691	43.680	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	246485	41.870	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	287462	42.155	ng	99
46) 1,1'-Biphenyl	9.286	154	988992	40.980	ng	99
47) 2-Chloronaphthalene	9.310	162	728665	40.956	ng	100
48) 2-Nitroaniline	9.404	65	232759	44.206	ng	98
49) Acenaphthylene	9.727	152	1141072	41.112	ng	99
50) Dimethylphthalate	9.592	163	855355	40.961	ng	100
51) 2,6-Dinitrotoluene	9.651	165	195227	43.711	ng	98
52) Acenaphthene	9.898	154	711657m	40.334	ng	
53) 3-Nitroaniline	9.822	138	225656	43.301	ng	99
54) 2,4-Dinitrophenol	9.922	184	90301	41.562	ng	93
55) Dibenzofuran	10.069	168	1046683	40.683	ng	97
56) 4-Nitrophenol	9.969	139	172075	44.142	ng	85
57) 2,4-Dinitrotoluene	10.051	165	252724	44.723	ng	100
58) Fluorene	10.416	166	786011	40.804	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	226695	41.814	ng	100
60) Diethylphthalate	10.292	149	823602	41.278	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	385411	40.082	ng	99
62) 4-Nitroaniline	10.433	138	217303	43.303	ng	98
63) Azobenzene	10.569	77	786683	40.940	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	127671	41.212	ng	76
66) n-Nitrosodiphenylamine	10.527	169	727766	41.823	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	256646	42.437	ng	100
68) Hexachlorobenzene	10.963	284	276361	42.787	ng	97
69) Atrazine	11.063	200	194050	40.987	ng	99
70) Pentachlorophenol	11.157	266	182367	43.964	ng	98
71) Phenanthrene	11.380	178	1204181	41.461	ng	100
72) Anthracene	11.433	178	1238899	41.628	ng	100
73) Carbazole	11.592	167	1086723	42.020	ng	99
74) Di-n-butylphthalate	11.933	149	1236618	41.846	ng	100
75) Fluoranthene	12.574	202	1238189	41.499	ng	99
77) Benzidine	12.698	184	257834	40.262	ng	99
78) Pyrene	12.804	202	1251540	43.205	ng	100
80) Butylbenzylphthalate	13.439	149	445721	42.986	ng	97
81) Benzo(a)anthracene	14.004	228	907346	41.714	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	291100	41.931	ng	99
83) Chrysene	14.039	228	876093	40.898	ng	99
84) Bis(2-ethylhexyl)phtha...	14.009	149	518572	42.927	ng	100
85) Di-n-octyl phthalate	14.627	149	752338	41.572	ng	100
87) Indeno(1,2,3-cd)pyrene	17.009	276	844579	44.811	ng	100
88) Benzo(b)fluoranthene	15.062	252	667847	39.137	ng	98
89) Benzo(k)fluoranthene	15.092	252	687746	40.733	ng	100
90) Benzo(a)pyrene	15.433	252	648834	40.922	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	698189	45.223	ng	98
92) Benzo(g,h,i)perylene	17.468	276	732516	42.056	ng	99

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

