

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
 Data File : BF135938.D
 Acq On : 25 Oct 2023 12:35
 Operator : CG\JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Oct 26 03:10:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:08:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	191864	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	777418	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	392841	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	729575	20.000	ng	0.00
76) Chrysene-d12	14.004	240	548582	20.000	ng	0.00
86) Perylene-d12	15.486	264	472915	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	250645	20.172	ng	-0.01
7) Phenol-d6	6.439	99	307396	19.872	ng	-0.02
23) Nitrobenzene-d5	7.381	82	157941	21.397	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	57352	16.679	ng	-0.01
45) 2-Fluorobiphenyl	9.180	172	534881	21.802	ng	0.00
79) Terphenyl-d14	12.945	244	608418	18.530	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	56126	9.724	ng	99
3) Pyridine	3.363	79	153887	9.660	ng	99
4) n-Nitrosodimethylamine	3.310	42	67091	9.658	ng	94
6) Aniline	6.481	93	208108	10.015	ng	99
8) 2-Chlorophenol	6.604	128	127060	9.878	ng	99
9) Benzaldehyde	6.375	77	97589	11.662	ng	99
10) Phenol	6.457	94	162111	10.049	ng	96
11) bis(2-Chloroethyl)ether	6.557	93	127872	10.159	ng	97
12) 1,3-Dichlorobenzene	6.763	146	135807	9.940	ng	97
13) 1,4-Dichlorobenzene	6.839	146	137627	10.030	ng	98
14) 1,2-Dichlorobenzene	6.992	146	130241	10.221	ng	99
15) Benzyl Alcohol	6.957	79	108558	9.927	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.098	45	187869	10.135	ng	100
17) 2-Methylphenol	7.069	107	111999	9.879	ng	97
18) Hexachloroethane	7.333	117	45551	9.763	ng	99
19) n-Nitroso-di-n-propyla...	7.228	70	88773	10.092	ng	97
20) 3+4-Methylphenols	7.216	107	143735	10.505	ng	# 84
22) Acetophenone	7.228	105	184658	10.517	ng	# 92
24) Nitrobenzene	7.398	77	99520	9.896	ng	94
25) Isophorone	7.633	82	239708	9.755	ng	98
26) 2-Nitrophenol	7.716	139	17695	9.124	ng	98
27) 2,4-Dimethylphenol	7.751	122	109391	9.767	ng	99
28) bis(2-Chloroethoxy)met...	7.851	93	150067	9.945	ng	98
29) 2,4-Dichlorophenol	7.951	162	92310	9.204	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	113001	9.951	ng	97
31) Naphthalene	8.122	128	381018	10.137	ng	98
32) Benzoic acid	7.816	122	16975	10.998	ng	94
33) 4-Chloroaniline	8.169	127	164679	9.913	ng	99
34) Hexachlorobutadiene	8.245	225	65008	10.157	ng	99
35) Caprolactam	8.510	113	29251	8.765	ng	# 88
36) 4-Chloro-3-methylphenol	8.645	107	99236	9.311	ng	95
37) 2-Methylnaphthalene	8.816	142	255363	10.269	ng	100
38) 1-Methylnaphthalene	8.916	142	236845	10.193	ng	98
40) 1,2,4,5-Tetrachloroben...	8.980	216	113443	10.224	ng	98
41) Hexachlorocyclopentadiene	8.969	237	46678	8.532	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	58609	9.025	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.127	196	69185	8.973	ng	# 93
46) 1,1'-Biphenyl	9.280	154	306073	10.282	ng	99
47) 2-Chloronaphthalene	9.304	162	222725	10.116	ng	99
48) 2-Nitroaniline	9.398	65	27663	9.019	ng	99
49) Acenaphthylene	9.722	152	351141	10.109	ng	99
50) Dimethylphthalate	9.580	163	252731	9.921	ng	99
51) 2,6-Dinitrotoluene	9.639	165	28065	9.638	ng	96
52) Acenaphthene	9.892	154	221608	9.955	ng	98
53) 3-Nitroaniline	9.804	138	37089	9.873	ng	# 89
54) 2,4-Dinitrophenol	9.910	184	4121	9.763	ng	# 90
55) Dibenzofuran	10.063	168	326194	10.143	ng	98
56) 4-Nitrophenol	9.951	139	24618	10.604	ng	# 77
57) 2,4-Dinitrotoluene	10.039	165	29056	9.733	ng	# 82
58) Fluorene	10.410	166	253698	10.545	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.180	232	51375	8.855	ng	99
60) Diethylphthalate	10.286	149	236285	9.726	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	121184	10.442	ng	97
62) 4-Nitroaniline	10.416	138	36208	9.875	ng	89
63) Azobenzene	10.563	77	246169	9.985	ng	99
65) 4,6-Dinitro-2-methylph...	10.445	198	7221	10.677	ng	92
66) n-Nitrosodiphenylamine	10.522	169	220974	10.026	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	71603	9.583	ng	93
68) Hexachlorobenzene	10.951	284	78254	9.804	ng	97
69) Atrazine	11.051	200	60563	10.080	ng	99
70) Pentachlorophenol	11.145	266	31798	10.176	ng	96
71) Phenanthrene	11.374	178	372724	10.098	ng	99
72) Anthracene	11.427	178	376293	9.956	ng	99
73) Carbazole	11.580	167	336538	9.982	ng	99
74) Di-n-butylphthalate	11.927	149	347679	9.691	ng	98
75) Fluoranthene	12.568	202	388710	10.010	ng	99
77) Benzidine	12.692	184	119414	11.289	ng	99
78) Pyrene	12.798	202	406100	8.817	ng	98
80) Butylbenzylphthalate	13.433	149	111445	9.719	ng	92
81) Benzo(a)anthracene	13.992	228	356232	9.550	ng	98
82) 3,3'-Dichlorobenzidine	13.962	252	107292	9.455	ng	97
83) Chrysene	14.027	228	346053	9.525	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	164606	8.691	ng	100
85) Di-n-octyl phthalate	14.621	149	224062	7.509	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	222868	8.311	ng	100
88) Benzo(b)fluoranthene	15.045	252	279152	9.919	ng	98
89) Benzo(k)fluoranthene	15.080	252	279824	10.123	ng	98
90) Benzo(a)pyrene	15.421	252	244137	9.412	ng	97
91) Dibenzo(a,h)anthracene	17.009	278	186230	8.119	ng	98
92) Benzo(g,h,i)perylene	17.433	276	186282	10.342	ng	99

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

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