

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011723\
 Data File : BF132093.D
 Acq On : 17 Jan 2023 13:33
 Operator : CG\JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/18/2023
 Supervised By : Jagrut Upadhyay 01/18/2023

Quant Time: Jan 18 00:07:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 00:03:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.098	152	215812	20.000	ng	0.00
21) Naphthalene-d8	8.387	136	776336	20.000	ng	0.00
39) Acenaphthene-d10	10.151	164	430846	20.000	ng	0.00
64) Phenanthrene-d10	11.651	188	866905	20.000	ng	0.00
76) Chrysene-d12	14.316	240	640215	20.000	ng	0.00
86) Perylene-d12	15.921	264	448593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.710	112	145493	12.063	ng	-0.01
7) Phenol-d6	6.698	99	187650	12.062	ng	-0.02
23) Nitrobenzene-d5	7.651	82	132772	9.562	ng	-0.02
42) 2,4,6-Tribromophenol	10.939	330	41196	9.446	ng	-0.01
45) 2-Fluorobiphenyl	9.457	172	358540	13.541	ng	-0.01
79) Terphenyl-d14	13.245	244	431623	11.365	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.069	88	34157	5.406	ng	97
3) Pyridine	3.816	79	91902	5.320	ng	99
4) n-Nitrosodimethylamine	3.757	42	42267	5.011	ng	# 97
6) Aniline	6.751	93	124978m	5.620	ng	
8) 2-Chlorophenol	6.875	128	74934	5.933	ng	99
9) Benzaldehyde	6.646	77	68856	6.775	ng	95
10) Phenol	6.710	94	97030	6.017	ng	89
11) bis(2-Chloroethyl)ether	6.822	93	83688	6.017	ng	96
12) 1,3-Dichlorobenzene	7.040	146	85173	6.028	ng	98
13) 1,4-Dichlorobenzene	7.116	146	85775	6.132	ng	100
14) 1,2-Dichlorobenzene	7.269	146	83737	6.512	ng	93
15) Benzyl Alcohol	7.222	79	63518m	5.229	ng	
16) 2,2'-oxybis(1-Chloropr...	7.363	45	125292	5.898	ng	98
17) 2-Methylphenol	7.328	107	66680	5.765	ng	93
18) Hexachloroethane	7.616	117	26382	5.244	ng	94
19) n-Nitroso-di-n-propyla...	7.493	70	59380	5.993	ng	99
20) 3+4-Methylphenols	7.475	107	83481	5.886	ng	95
22) Acetophenone	7.498	105	116840	6.506	ng	# 93
24) Nitrobenzene	7.675	77	73708	4.997	ng	95
25) Isophorone	7.910	82	162068	5.480	ng	98
26) 2-Nitrophenol	7.992	139	16055	2.967	ng	95
27) 2,4-Dimethylphenol	8.016	122	66661	5.541	ng	96
28) bis(2-Chloroethoxy)met...	8.116	93	102388	6.052	ng	98
29) 2,4-Dichlorophenol	8.228	162	58591	5.205	ng	96
30) 1,2,4-Trichlorobenzene	8.322	180	74402	5.935	ng	99
31) Naphthalene	8.404	128	239576	6.269	ng	99
33) 4-Chloroaniline	8.445	127	99255	5.965	ng	95
34) Hexachlorobutadiene	8.522	225	45712	5.586	ng	97
35) Caprolactam	8.775	113	15549	4.261	ng	96
36) 4-Chloro-3-methylphenol	8.910	107	62182	5.243	ng	96
37) 2-Methylnaphthalene	9.098	142	165416	6.294	ng	99
38) 1-Methylnaphthalene	9.198	142	155711	6.308	ng	99
40) 1,2,4,5-Tetrachloroben...	9.263	216	81343	5.964	ng	98
41) Hexachlorocyclopentadiene	9.251	237	24467	3.623	ng	99
43) 2,4,6-Trichlorophenol	9.369	196	42623	4.775	ng	100
44) 2,4,5-Trichlorophenol	9.404	196	49195	4.765	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.563	154	200067	6.258	ng	100
47) 2-Chloronaphthalene	9.592	162	151821	6.117	ng	97
48) 2-Nitroaniline	9.681	65	24929	3.356	ng	92
49) Acenaphthylene	10.010	152	244607	6.052	ng	99
50) Dimethylphthalate	9.857	163	177820	5.757	ng	99
51) 2,6-Dinitrotoluene	9.922	165	23555	3.968	ng	99
52) Acenaphthene	10.186	154	145052	6.009	ng	99
53) 3-Nitroaniline	10.086	138	27209	4.184	ng	# 96
55) Dibenzofuran	10.357	168	234605	6.274	ng	93
56) 4-Nitrophenol	10.228	139	18296	3.752	ng	95
57) 2,4-Dinitrotoluene	10.322	165	25698	3.553	ng	# 87
58) Fluorene	10.704	166	180985	6.537	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.469	232	39613	4.886	ng	98
60) Diethylphthalate	10.563	149	175792	5.695	ng	98
61) 4-Chlorophenyl-phenyle...	10.692	204	92549	6.293	ng	93
62) 4-Nitroaniline	10.698	138	26811	4.422	ng	95
63) Azobenzene	10.851	77	191835	6.181	ng	96
66) n-Nitrosodiphenylamine	10.804	169	158648	6.107	ng	99
67) 4-Bromophenyl-phenylether	11.186	248	56944	5.869	ng	97
68) Hexachlorobenzene	11.251	284	56135	5.814	ng	95
69) Atrazine	11.328	200	45158	5.320	ng	98
70) Pentachlorophenol	11.445	266	26153	3.983	ng	96
71) Phenanthrene	11.675	178	276755	6.421	ng	97
72) Anthracene	11.728	178	276876	6.341	ng	99
73) Carbazole	11.875	167	241020	6.245	ng	98
74) Di-n-butylphthalate	12.204	149	255812	5.577	ng	98
75) Fluoranthene	12.875	202	295187	6.357	ng	98
77) Benzidine	12.992	184	75065	4.466	ng	98
78) Pyrene	13.110	202	309884	5.144	ng	98
80) Butylbenzylphthalate	13.722	149	62941	3.172	ng	95
81) Benzo(a)anthracene	14.304	228	243663	5.410	ng	100
82) 3,3'-Dichlorobenzidine	14.263	252	47691	4.041	ng	98
83) Chrysene	14.339	228	242436	5.723	ng	96
84) Bis(2-ethylhexyl)phtha...	14.280	149	99965	3.674	ng	# 97
87) Indeno(1,2,3-cd)pyrene	17.580	276	92925	3.645	ng	98
88) Benzo(b)fluoranthene	15.433	252	158765	5.583	ng	98
89) Benzo(k)fluoranthene	15.463	252	160194	5.578	ng	97
90) Benzo(a)pyrene	15.845	252	127195	4.943	ng	98
91) Dibenzo(a,h)anthracene	17.604	278	74705	3.650	ng	98
92) Benzo(g,h,i)perylene	18.086	276	76898	3.626	ng	98

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

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