

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041922\
 Data File : BF127836.D
 Acq On : 19 Apr 2022 12:09
 Operator : CG\JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

04/20/2022

Supervised By :Jagrut
 Upadhyay

04/20/2022

Quant Time: Apr 19 15:04:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 19 15:01:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	78268	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	297285	20.000	ng	# 0.00
39) Acenaphthene-d10	9.986	164	184383	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	345195	20.000	ng	# 0.00
76) Chrysene-d12	14.127	240	276128	20.000	ng	# 0.00
86) Perylene-d12	15.645	264	203198	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	53672	11.143	ng	-0.01
7) Phenol-d6	6.557	99	70667	11.215	ng	-0.02
23) Nitrobenzene-d5	7.498	82	76957	11.541	ng	-0.02
42) 2,4,6-Tribromophenol	10.774	330	25258	12.873	ng	-0.01
45) 2-Fluorobiphenyl	9.298	172	153700	11.793	ng	-0.01
79) Terphenyl-d14	13.063	244	186819	11.167	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.804	88	17008	7.444	ng	87
3) Pyridine	3.575	79	43890	7.294	ng	86
4) n-Nitrosodimethylamine	3.516	42	23142	7.151	ng	99
6) Aniline	6.604	93	39100	5.203	ng	96
8) 2-Chlorophenol	6.722	128	27690	5.667	ng	98
9) Benzaldehyde	6.492	77	22246	6.247	ng	97
10) Phenol	6.569	94	34746	5.514	ng	92
11) bis(2-Chloroethyl)ether	6.669	93	27473	5.280	ng	95
12) 1,3-Dichlorobenzene	6.881	146	32224	5.772	ng	97
13) 1,4-Dichlorobenzene	6.957	146	32541	5.766	ng	93
14) 1,2-Dichlorobenzene	7.110	146	30628	5.677	ng	94
15) Benzyl Alcohol	7.075	79	28860	5.239	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.210	45	40684	4.953	ng	94
17) 2-Methylphenol	7.181	107	23987	5.644	ng	94
18) Hexachloroethane	7.457	117	13258	6.156	ng	96
19) n-Nitroso-di-n-propyla...	7.339	70	23979	5.884	ng	99
20) 3+4-Methylphenols	7.334	107	31847	5.880	ng	# 64
22) Acetophenone	7.345	105	45575	5.705	ng	# 84
24) Nitrobenzene	7.522	77	35033	5.420	ng	99
25) Isophorone	7.757	82	59529	5.116	ng	# 95
26) 2-Nitrophenol	7.839	139	13691	5.894	ng	# 92
27) 2,4-Dimethylphenol	7.869	122	22222	4.886	ng	90
28) bis(2-Chloroethoxy)met...	7.969	93	37122	5.174	ng	98
29) 2,4-Dichlorophenol	8.075	162	25691	5.244	ng	95
30) 1,2,4-Trichlorobenzene	8.163	180	31787	5.637	ng	94
31) Naphthalene	8.245	128	84106	5.399	ng	99
32) Benzoic acid	7.928	122	11305	3.426	ng	95
33) 4-Chloroaniline	8.292	127	33487	5.458	ng	99
34) Hexachlorobutadiene	8.357	225	23590	6.082	ng	98
35) Caprolactam	8.628	113	7794	5.382	ng	# 79
36) 4-Chloro-3-methylphenol	8.763	107	28968	5.639	ng	95
37) 2-Methylnaphthalene	8.939	142	58519	5.617	ng	97
38) 1-Methylnaphthalene	9.039	142	55692	5.538	ng	96
40) 1,2,4,5-Tetrachloroben...	9.104	216	33727	5.577	ng	99
41) Hexachlorocyclopentadiene	9.086	237	17569	4.823	ng	98
43) 2,4,6-Trichlorophenol	9.210	196	21209	5.166	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041922\
 Data File : BF127836.D
 Acq On : 19 Apr 2022 12:09
 Operator : CG\JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

04/20/2022

Supervised By :Jagrut
 Upadhyay

04/20/2022

Quant Time: Apr 19 15:04:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 19 15:01:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	22327	5.389	ng	94
46) 1,1'-Biphenyl	9.404	154	77655	5.507	ng	95
47) 2-Chloronaphthalene	9.428	162	59824	5.339	ng	94
48) 2-Nitroaniline	9.522	65	20353	5.848	ng	93
49) Acenaphthylene	9.845	152	90687	5.320	ng	99
50) Dimethylphthalate	9.698	163	74124	5.546	ng	100
51) 2,6-Dinitrotoluene	9.763	165	13973	5.546	ng	95
52) Acenaphthene	10.022	154	58704	5.467	ng	94
53) 3-Nitroaniline	9.933	138	14775	5.552	ng	99
54) 2,4-Dinitrophenol	10.039	184	6543	5.987	ng	# 89
55) Dibenzofuran	10.192	168	87604	5.590	ng	95
56) 4-Nitrophenol	10.080	139	10369	4.960	ng	# 74
57) 2,4-Dinitrotoluene	10.163	165	18808	6.022	ng	90
58) Fluorene	10.533	166	69185	5.975	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.304	232	19715m	5.461	ng	
60) Diethylphthalate	10.398	149	73725	5.765	ng	97
61) 4-Chlorophenyl-phenyle...	10.527	204	38092	5.988	ng	97
62) 4-Nitroaniline	10.539	138	14262	5.690	ng	# 77
63) Azobenzene	10.686	77	76755	5.371	ng	98
65) 4,6-Dinitro-2-methylph...	10.575	198	9590	5.752	ng	88
66) n-Nitrosodiphenylamine	10.639	169	56922	5.236	ng	97
67) 4-Bromophenyl-phenylether	11.022	248	23124	5.520	ng	96
68) Hexachlorobenzene	11.080	284	25968	5.670	ng	91
69) Atrazine	11.163	200	22424	6.208	ng	97
70) Pentachlorophenol	11.274	266	11882	4.344	ng	# 91
71) Phenanthrene	11.504	178	102757	5.618	ng	99
72) Anthracene	11.551	178	100125	5.534	ng	97
73) Carbazole	11.710	167	94011	5.546	ng	99
74) Di-n-butylphthalate	12.033	149	112798	5.566	ng	# 99
75) Fluoranthene	12.692	202	113002	5.662	ng	99
77) Benzidine	12.816	184	37677	5.228	ng	99
78) Pyrene	12.927	202	116325	4.989	ng	98
80) Butylbenzylphthalate	13.539	149	45309	5.219	ng	93
81) Benzo(a)anthracene	14.115	228	98142	5.322	ng	98
82) 3,3'-Dichlorobenzidine	14.074	252	32556	5.662	ng	95
83) Chrysene	14.151	228	91331	5.159	ng	99
84) Bis(2-ethylhexyl)phtha...	14.098	149	59974	4.901	ng	98
85) Di-n-octyl phthalate	14.715	149	89228	4.987	ng	95
87) Indeno(1,2,3-cd)pyrene	17.186	276	58259	4.589	ng	96
88) Benzo(b)fluoranthene	15.186	252	71149	5.443	ng	# 98
89) Benzo(k)fluoranthene	15.221	252	70750	5.457	ng	# 98
90) Benzo(a)pyrene	15.574	252	55661	5.239	ng	98
91) Dibenzo(a,h)anthracene	17.209	278	46554	4.526	ng	# 93
92) Benzo(g,h,i)perylene	17.656	276	46591	4.418	ng	96

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

Manual Integrations

04/20/2022
Supervised By :Jagrut
Upadhyay

04/20/2022

Supervised By :Jagrut
Upadhyay

04/20/2022

