

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021224\
 Data File : BF137357.D
 Acq On : 12 Feb 2024 15:31
 Operator : CG\JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/14/2024
 Supervised By :mohammad ahmed 02/14/2024

Quant Time: Feb 13 02:15:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 13 02:09:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	173567	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	728165	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	384020	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	688894	20.000	ng	0.00
76) Chrysene-d12	13.963	240	427541	20.000	ng	0.00
86) Perylene-d12	15.445	264	353380	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	247226	21.350	ng	0.00
7) Phenol-d6	6.410	99	355569	21.986	ng	-0.01
23) Nitrobenzene-d5	7.339	82	280333	19.761	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	70776	20.070	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	598841	23.101	ng	0.00
79) Terphenyl-d14	12.904	244	624892	20.920	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.528	88	63539	10.395	ng	97
3) Pyridine	3.287	79	121795	9.146	ng	93
4) n-Nitrosodimethylamine	3.240	42	35692	10.778	ng	# 77
6) Aniline	6.445	93	150617	9.980	ng	93
8) 2-Chlorophenol	6.563	128	130931	10.765	ng	97
9) Benzaldehyde	6.334	77	92524	10.913	ng	99
10) Phenol	6.428	94	188174	10.840	ng	96
11) bis(2-Chloroethyl)ether	6.516	93	145720	11.112	ng	97
12) 1,3-Dichlorobenzene	6.722	146	149355	10.725	ng	98
13) 1,4-Dichlorobenzene	6.798	146	157381	10.972	ng	99
14) 1,2-Dichlorobenzene	6.951	146	146519	11.175	ng	98
15) Benzyl Alcohol	6.922	79	92151	10.253	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	215298	10.788	ng	96
17) 2-Methylphenol	7.034	107	108531	10.508	ng	97
18) Hexachloroethane	7.287	117	55547	11.061	ng	89
19) n-Nitroso-di-n-propyla...	7.187	70	96927	10.511	ng	99
20) 3+4-Methylphenols	7.187	107	136606	11.335	ng	# 75
22) Acetophenone	7.187	105	192745	10.875	ng	# 96
24) Nitrobenzene	7.357	77	145644	9.787	ng	94
25) Isophorone	7.598	82	305354	10.175	ng	99
26) 2-Nitrophenol	7.681	139	50685	8.963	ng	95
27) 2,4-Dimethylphenol	7.716	122	77375	9.541	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	168192	9.855	ng	99
29) 2,4-Dichlorophenol	7.922	162	105192	10.021	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	125468	10.398	ng	97
31) Naphthalene	8.081	128	424601	10.798	ng	99
32) Benzoic acid	7.787	122	39298m	11.283	ng	
33) 4-Chloroaniline	8.139	127	121042	9.507	ng	98
34) Hexachlorobutadiene	8.198	225	75868	10.438	ng	97
35) Caprolactam	8.475	113	26991	8.714	ng	99
36) 4-Chloro-3-methylphenol	8.616	107	112465	9.857	ng	97
37) 2-Methylnaphthalene	8.775	142	264647	10.967	ng	97
38) 1-Methylnaphthalene	8.875	142	259410	10.918	ng	98
40) 1,2,4,5-Tetrachloroben...	8.939	216	121708	10.512	ng	98
41) Hexachlorocyclopentadiene	8.928	237	27308	11.715	ng	96
43) 2,4,6-Trichlorophenol	9.051	196	74001	9.996	ng	98

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44) 2,4,5-Trichlorophenol	9.092	196	78457	9.661	ng	95
46) 1,1'-Biphenyl	9.239	154	333667	11.176	ng	97
47) 2-Chloronaphthalene	9.263	162	259290	10.853	ng	98
48) 2-Nitroaniline	9.363	65	41128	10.360	ng	95
49) Acenaphthylene	9.675	152	385022	11.029	ng	98
50) Dimethylphthalate	9.539	163	290647	10.548	ng	99
51) 2,6-Dinitrotoluene	9.604	165	54292	9.852	ng	94
52) Acenaphthene	9.851	154	238188	11.056	ng	99
53) 3-Nitroaniline	9.775	138	41191	10.119	ng	93
54) 2,4-Dinitrophenol	9.886	184	9000	12.135	ng #	90
55) Dibenzofuran	10.022	168	351783	11.020	ng	100
56) 4-Nitrophenol	9.945	139	16401	10.421	ng #	78
57) 2,4-Dinitrotoluene	10.004	165	61783	9.366	ng #	87
58) Fluorene	10.369	166	284774	11.542	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.139	232	68419m	10.562	ng	
60) Diethylphthalate	10.245	149	274975	10.615	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	138045	11.278	ng	96
62) 4-Nitroaniline	10.392	138	25668	9.029	ng	95
63) Azobenzene	10.522	77	310512	10.890	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	23697	11.202	ng	87
66) n-Nitrosodiphenylamine	10.480	169	220788	10.153	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	75252	9.713	ng	97
68) Hexachlorobenzene	10.910	284	88783	10.141	ng #	92
69) Atrazine	11.016	200	52365	10.739	ng	97
70) Pentachlorophenol	11.110	266	42121	8.855	ng	98
71) Phenanthrene	11.333	178	400471	10.800	ng	99
72) Anthracene	11.386	178	401470	10.877	ng	98
73) Carbazole	11.545	167	337285	10.585	ng	99
74) Di-n-butylphthalate	11.886	149	292764	8.799	ng	98
75) Fluoranthene	12.527	202	393951	10.913	ng	99
77) Benzidine	12.674	184	5063m	3.753	ng	
78) Pyrene	12.757	202	408298	10.413	ng	98
80) Butylbenzylphthalate	13.392	149	23695	10.381	ng	93
81) Benzo(a)anthracene	13.951	228	300470	10.103	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	26938	12.334	ng	99
83) Chrysene	13.992	228	311456	10.238	ng	97
84) Bis(2-ethylhexyl)phtha...	13.957	149	38786	10.030	ng #	95
85) Di-n-octyl phthalate	14.580	149	61088	10.897	ng #	79
87) Indeno(1,2,3-cd)pyrene	16.933	276	186466	8.829	ng	99
88) Benzo(b)fluoranthene	15.010	252	247705	10.699	ng	99
89) Benzo(k)fluoranthene	15.039	252	225762	10.250	ng	98
90) Benzo(a)pyrene	15.380	252	191183	9.883	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	146163	8.667	ng	98
92) Benzo(g,h,i)perylene	17.380	276	155612	8.796	ng	98

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

