

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021623\
 Data File : BF132426.D
 Acq On : 16 Feb 2023 10:43
 Operator : CG\JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Christian
 Giraldo

Quant Time: Feb 17 03:02:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 02:36:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							02/17/2023
1) 1,4-Dichlorobenzene-d4	7.031	152	153370	20.000	ng	0.00	Supervised By :Jagrut padhyay
21) Naphthalene-d8	8.313	136	575834	20.000	ng	0.00	
39) Acenaphthene-d10	10.077	164	310363	20.000	ng	0.00	
64) Phenanthrene-d10	11.577	188	610121	20.000	ng	0.00	
76) Chrysene-d12	14.236	240	476406	20.000	ng	0.00	
86) Perylene-d12	15.795	264	421377	20.000	ng	0.00	02/17/2023
System Monitoring Compounds							
5) 2-Fluorophenol	5.642	112	107160	11.196	ng	0.00	
7) Phenol-d6	6.637	99	138494	11.081	ng	-0.01	
23) Nitrobenzene-d5	7.584	82	119008	9.930	ng	-0.01	
42) 2,4,6-Tribromophenol	10.866	330	30450	9.833	ng	-0.01	
45) 2-Fluorobiphenyl	9.389	172	244455	12.169	ng	0.00	
79) Terphenyl-d14	13.166	244	283177	10.825	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.901	88	26118	5.044	ng		99
3) Pyridine	3.696	79	64377	4.580	ng		98
4) n-Nitrosodimethylamine	3.625	42	26205	4.722	ng		99
6) Aniline	6.689	93	91435m	5.250	ng		
8) 2-Chlorophenol	6.807	128	53932	5.519	ng		96
9) Benzaldehyde	6.578	77	38868	5.817	ng		98
10) Phenol	6.648	94	72923	5.506	ng		97
11) bis(2-Chloroethyl)ether	6.754	93	61342	5.460	ng		99
12) 1,3-Dichlorobenzene	6.972	146	58395	5.486	ng		93
13) 1,4-Dichlorobenzene	7.048	146	60207	5.670	ng		97
14) 1,2-Dichlorobenzene	7.201	146	56627	5.821	ng		98
15) Benzyl Alcohol	7.160	79	44169	4.778	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.301	45	84855	5.432	ng		99
17) 2-Methylphenol	7.266	107	51063	5.490	ng		92
18) Hexachloroethane	7.542	117	20533	5.121	ng		94
19) n-Nitroso-di-n-propyla...	7.425	70	42397	5.533	ng		99
20) 3+4-Methylphenols	7.419	107	63483	5.528	ng		98
22) Acetophenone	7.431	105	83915	5.623	ng	#	96
24) Nitrobenzene	7.607	77	66971	5.097	ng		97
25) Isophorone	7.842	82	117654	4.996	ng		99
26) 2-Nitrophenol	7.925	139	21212	4.153	ng		97
27) 2,4-Dimethylphenol	7.954	122	47741	5.177	ng		96
28) bis(2-Chloroethoxy)met...	8.054	93	72442	5.264	ng		99
29) 2,4-Dichlorophenol	8.166	162	42257	4.857	ng		99
30) 1,2,4-Trichlorobenzene	8.254	180	50794	5.250	ng		95
31) Naphthalene	8.336	128	167975	5.621	ng		97
33) 4-Chloroaniline	8.378	127	64916	5.229	ng		98
34) Hexachlorobutadiene	8.448	225	31443	5.147	ng		96
35) Caprolactam	8.707	113	12435	4.403	ng	#	87
36) 4-Chloro-3-methylphenol	8.854	107	47845	4.915	ng		93
37) 2-Methylnaphthalene	9.031	142	114195	5.678	ng		99
38) 1-Methylnaphthalene	9.130	142	106075	5.614	ng		97
40) 1,2,4,5-Tetrachloroben...	9.195	216	52809	5.251	ng		98
41) Hexachlorocyclopentadiene	9.183	237	20563	3.723	ng		95
43) 2,4,6-Trichlorophenol	9.301	196	31059	4.688	ng		97
44) 2,4,5-Trichlorophenol	9.342	196	38027	4.928	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) 1,1'-Biphenyl	9.489	154	133800	5.570	ng	97	02/17/2023
47) 2-Chloronaphthalene	9.519	162	102830	5.454	ng	97	Supervised By :Jagrut Upadhyay
48) 2-Nitroaniline	9.613	65	27804	4.203	ng	92	
49) Acenaphthylene	9.936	152	164714	5.498	ng	97	
50) Dimethylphthalate	9.783	163	122765	5.371	ng	99	
51) 2,6-Dinitrotoluene	9.848	165	23057	4.639	ng	94	
52) Acenaphthene	10.113	154	95883	5.143	ng	98	02/17/2023
53) 3-Nitroaniline	10.019	138	26845	4.704	ng	87	
55) Dibenzofuran	10.283	168	153346	5.544	ng	98	
56) 4-Nitrophenol	10.177	139	16302	3.937	ng	98	
57) 2,4-Dinitrotoluene	10.254	165	29207	4.464	ng	# 96	
58) Fluorene	10.630	166	118052	5.645	ng	96	
59) 2,3,4,6-Tetrachlorophenol	10.395	232	27195	4.663	ng	99	
60) Diethylphthalate	10.483	149	120451	5.361	ng	97	
61) 4-Chlorophenyl-phenyle...	10.619	204	60330	5.509	ng	95	
62) 4-Nitroaniline	10.630	138	25440	4.777	ng	95	
63) Azobenzene	10.777	77	132164	5.316	ng	97	
66) n-Nitrosodiphenylamine	10.730	169	99444	5.310	ng	99	
67) 4-Bromophenyl-phenylether	11.113	248	34184	5.112	ng	91	
68) Hexachlorobenzene	11.177	284	37360	5.345	ng	97	
69) Atrazine	11.254	200	28323	4.914	ng	97	
70) Pentachlorophenol	11.372	266	15013m	3.285	ng		
71) Phenanthrene	11.595	178	174373	5.549	ng	97	
72) Anthracene	11.648	178	178058	5.512	ng	99	
73) Carbazole	11.801	167	156184	5.371	ng	98	
74) Di-n-butylphthalate	12.124	149	175805	5.076	ng	98	
75) Fluoranthene	12.795	202	189174	5.398	ng	99	
77) Benzidine	12.918	184	45830	4.518	ng	98	
78) Pyrene	13.030	202	199103	4.920	ng	99	
80) Butylbenzylphthalate	13.636	149	59216	3.921	ng	96	
81) Benzo(a)anthracene	14.224	228	175477	5.029	ng	98	
82) 3,3'-Dichlorobenzidine	14.183	252	44572	4.782	ng	96	
83) Chrysene	14.260	228	171331	5.139	ng	94	
84) Bis(2-ethylhexyl)phtha...	14.195	149	84982	4.347	ng	100	
85) Di-n-octyl phthalate	14.824	149	107394	3.783	ng	100	
87) Indeno(1,2,3-cd)pyrene	17.401	276	111390	4.135	ng	98	
88) Benzo(b)fluoranthene	15.324	252	140873	5.084	ng	98	
89) Benzo(k)fluoranthene	15.354	252	136215	4.912	ng	97	
90) Benzo(a)pyrene	15.724	252	122174	4.744	ng	98	
91) Dibenzo(a,h)anthracene	17.424	278	93323	4.207	ng	99	
92) Benzo(g,h,i)perylene	17.889	276	90215	3.960	ng	97	

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

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