

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122023\
 Data File : BF136642.D
 Acq On : 20 Dec 2023 09:48
 Operator : CG\JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

Quant Time: Dec 20 17:30:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 17:02:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	70954	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	288787	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	156701	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	314926	20.000	ng	0.00
76) Chrysene-d12	13.968	240	214943	20.000	ng	0.00
86) Perylene-d12	15.445	264	165238	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	47959	10.546	ng	0.00
7) Phenol-d6	6.428	99	63154	10.718	ng	-0.01
23) Nitrobenzene-d5	7.345	82	58621	10.387	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	19805	10.731	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	133878	11.491	ng	0.00
79) Terphenyl-d14	12.904	244	160207	10.416	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	10186	5.376	ng	96
3) Pyridine	3.328	79	22900	4.953	ng	93
4) n-Nitrosodimethylamine	3.251	42	12402	5.024	ng	98
6) Aniline	6.457	93	32289	5.481	ng	95
8) 2-Chlorophenol	6.581	128	26524	5.330	ng	93
9) Benzaldehyde	6.345	77	19923	5.944	ng	97
10) Phenol	6.439	94	34216	5.440	ng	86
11) bis(2-Chloroethyl)ether	6.528	93	24702	5.164	ng	96
12) 1,3-Dichlorobenzene	6.734	146	28676	5.282	ng	96
13) 1,4-Dichlorobenzene	6.810	146	30048	5.417	ng	98
14) 1,2-Dichlorobenzene	6.957	146	28364	5.495	ng	95
15) Benzyl Alcohol	6.934	79	20164	5.072	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.069	45	41867	5.353	ng	98
17) 2-Methylphenol	7.045	107	22905	5.556	ng	95
18) Hexachloroethane	7.298	117	10778	5.350	ng	98
19) n-Nitroso-di-n-propyla...	7.192	70	19327	5.411	ng	98
20) 3+4-Methylphenols	7.198	107	28730	5.578	ng	96
22) Acetophenone	7.192	105	39591	5.470	ng	# 91
24) Nitrobenzene	7.369	77	29059	5.140	ng	93
25) Isophorone	7.604	82	53041	5.165	ng	99
26) 2-Nitrophenol	7.686	139	13095	4.841	ng	98
27) 2,4-Dimethylphenol	7.728	122	16165	4.909	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	32535	5.212	ng	99
29) 2,4-Dichlorophenol	7.928	162	21756	5.132	ng	94
30) 1,2,4-Trichlorobenzene	8.010	180	24631	5.215	ng	94
31) Naphthalene	8.086	128	85967	5.419	ng	97
32) Benzoic acid	7.798	122	12356	3.907	ng	96
33) 4-Chloroaniline	8.139	127	31065	5.303	ng	98
34) Hexachlorobutadiene	8.204	225	15331	5.342	ng	98
35) Caprolactam	8.469	113	7334	5.243	ng	90
36) 4-Chloro-3-methylphenol	8.622	107	24938	5.225	ng	99
37) 2-Methylnaphthalene	8.780	142	55991	5.484	ng	100
38) 1-Methylnaphthalene	8.880	142	55137	5.504	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	25721	5.300	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	15810	5.080	ng	96
44) 2,4,5-Trichlorophenol	9.104	196	17875	5.154	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.245	154	71413	5.431	ng	100
47) 2-Chloronaphthalene	9.269	162	55052	5.507	ng	97
48) 2-Nitroaniline	9.369	65	15639	4.996	ng	93
49) Acenaphthylene	9.680	152	82454	5.396	ng	98
50) Dimethylphthalate	9.539	163	61248	5.351	ng	99
51) 2,6-Dinitrotoluene	9.610	165	13466	5.184	ng	96
52) Acenaphthene	9.857	154	51863	5.476	ng	99
53) 3-Nitroaniline	9.775	138	14458	5.254	ng	96
55) Dibenzofuran	10.027	168	81502	5.677	ng	96
56) 4-Nitrophenol	9.951	139	8369	4.505	ng	92
57) 2,4-Dinitrotoluene	10.010	165	17681	5.243	ng	96
58) Fluorene	10.374	166	64404	5.653	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	13227	4.920	ng #	96
60) Diethylphthalate	10.245	149	65040	5.477	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	32039	5.786	ng	90
62) 4-Nitroaniline	10.386	138	15097	5.554	ng	92
63) Azobenzene	10.527	77	59284	5.345	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	6644	3.681	ng	94
66) n-Nitrosodiphenylamine	10.480	169	54257	5.304	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	18625	5.325	ng	100
68) Hexachlorobenzene	10.922	284	20271	5.201	ng	95
69) Atrazine	11.010	200	15456	5.907	ng	97
70) Pentachlorophenol	11.121	266	6971	3.837	ng	94
71) Phenanthrene	11.339	178	88293	5.464	ng	99
72) Anthracene	11.386	178	90930	5.556	ng	97
73) Carbazole	11.545	167	85114	5.516	ng	99
74) Di-n-butylphthalate	11.880	149	101091	5.369	ng	99
75) Fluoranthene	12.527	202	100130	5.793	ng	97
77) Benzidine	12.657	184	38078	6.008	ng	97
78) Pyrene	12.763	202	102452	4.855	ng	98
80) Butylbenzylphthalate	13.386	149	36478	4.751	ng	99
81) Benzo(a)anthracene	13.957	228	80668	5.405	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	21756	5.133	ng #	98
83) Chrysene	13.992	228	77429	5.305	ng	97
84) Bis(2-ethylhexyl)phtha...	13.951	149	45626	4.723	ng	99
85) Di-n-octyl phthalate	14.568	149	66746	4.467	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	54662	4.582	ng	99
88) Benzo(b)fluoranthene	15.009	252	61258	5.551	ng	99
89) Benzo(k)fluoranthene	15.039	252	58496m	5.611	ng	
90) Benzo(a)pyrene	15.380	252	48837	5.242	ng	98
91) Dibenzo(a,h)anthracene	16.951	278	45073	4.605	ng	96
92) Benzo(g,h,i)perylene	17.386	276	44319	4.421	ng	98

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

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