

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041323\
 Data File : BF132874.D
 Acq On : 13 Apr 2023 12:55
 Operator : CG\JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/14/2023
 Supervised By : Jagrut Upadhyay 04/14/2023

Quant Time: Apr 14 04:59:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 04:50:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	308576	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	1217750	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	597066	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	1027627	20.000	ng	0.00
76) Chrysene-d12	13.916	240	727124	20.000	ng	0.00
86) Perylene-d12	15.345	264	600709	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	232291	11.631	ng	0.00
7) Phenol-d6	6.381	99	297688	11.821	ng	-0.02
23) Nitrobenzene-d5	7.322	82	252619	10.863	ng	-0.02
42) 2,4,6-Tribromophenol	10.586	330	56300	9.623	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	505755	12.664	ng	-0.01
79) Terphenyl-d14	12.869	244	477314	10.802	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.481	88	54559	5.525	ng	99
3) Pyridine	3.199	79	141783	5.340	ng	98
4) n-Nitrosodimethylamine	3.122	42	68665	5.378	ng	# 99
6) Aniline	6.422	93	183082	5.580	ng	99
8) 2-Chlorophenol	6.545	128	117960	5.865	ng	96
10) Phenol	6.393	94	167727m	5.952	ng	
11) bis(2-Chloroethyl)ether	6.493	93	124899	5.887	ng	97
12) 1,3-Dichlorobenzene	6.704	146	128997	5.887	ng	99
13) 1,4-Dichlorobenzene	6.781	146	128316	5.866	ng	100
14) 1,2-Dichlorobenzene	6.934	146	125643	6.187	ng	95
15) Benzyl Alcohol	6.898	79	93300	5.529	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.045	45	210435	5.882	ng	98
17) 2-Methylphenol	7.010	107	103957	5.780	ng	99
18) Hexachloroethane	7.281	117	43957	5.730	ng	96
19) n-Nitroso-di-n-propyla...	7.175	70	84641	5.628	ng	100
20) 3+4-Methylphenols	7.163	107	134865	6.354	ng	# 73
22) Acetophenone	7.169	105	171010	6.065	ng	# 91
24) Nitrobenzene	7.340	77	129858	5.479	ng	94
25) Isophorone	7.581	82	228842	5.402	ng	99
26) 2-Nitrophenol	7.663	139	39586	4.321	ng	99
27) 2,4-Dimethylphenol	7.698	122	99037	5.478	ng	98
28) bis(2-Chloroethoxy)met...	7.798	93	146403	5.688	ng	98
29) 2,4-Dichlorophenol	7.898	162	91973	5.431	ng	98
30) 1,2,4-Trichlorobenzene	7.992	180	102187	5.607	ng	100
31) Naphthalene	8.069	128	368149	6.040	ng	99
33) 4-Chloroaniline	8.116	127	137310	5.549	ng	98
34) Hexachlorobutadiene	8.198	225	58838	5.643	ng	96
35) Caprolactam	8.445	113	23286	4.811	ng	99
36) 4-Chloro-3-methylphenol	8.586	107	92736	5.367	ng	98
37) 2-Methylnaphthalene	8.763	142	247128	6.051	ng	97
38) 1-Methylnaphthalene	8.863	142	227438	5.970	ng	99
40) 1,2,4,5-Tetrachloroben...	8.928	216	101402	5.727	ng	97
41) Hexachlorocyclopentadiene	8.922	237	38856	4.264	ng	100
43) 2,4,6-Trichlorophenol	9.034	196	55733	5.097	ng	98
44) 2,4,5-Trichlorophenol	9.069	196	65886	5.167	ng	97
46) 1,1'-Biphenyl	9.228	154	289514	5.936	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.245	162	206163	5.773	ng	99
48) 2-Nitroaniline	9.339	65	41226	4.012	ng	95
49) Acenaphthylene	9.663	152	330585	5.822	ng	98
50) Dimethylphthalate	9.522	163	220677	5.471	ng	99
51) 2,6-Dinitrotoluene	9.581	165	41238	4.671	ng	90
52) Acenaphthene	9.833	154	213832	5.798	ng	100
53) 3-Nitroaniline	9.745	138	47967	4.678	ng	100
55) Dibenzofuran	10.004	168	304841	5.923	ng	96
56) 4-Nitrophenol	9.892	139	34763	4.467	ng	92
57) 2,4-Dinitrotoluene	9.981	165	47006	4.303	ng	98
58) Fluorene	10.345	166	229912	6.102	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.122	232	49641	5.061	ng	97
60) Diethylphthalate	10.222	149	198486	5.351	ng	97
61) 4-Chlorophenyl-phenyle...	10.345	204	107120	5.800	ng	96
62) 4-Nitroaniline	10.351	138	42836	4.433	ng	92
63) Azobenzene	10.504	77	244014	5.764	ng	98
66) n-Nitrosodiphenylamine	10.457	169	189390	5.567	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	62468	5.363	ng	97
68) Hexachlorobenzene	10.898	284	66044	5.488	ng	96
69) Atrazine	10.980	200	44388	4.826	ng	99
70) Pentachlorophenol	11.086	266	36068	4.560	ng	98
71) Phenanthrene	11.304	178	330825	5.877	ng	99
72) Anthracene	11.357	178	331174	5.775	ng	98
73) Carbazole	11.510	167	282156	5.597	ng	99
74) Di-n-butylphthalate	11.851	149	235228	4.656	ng	99
75) Fluoranthene	12.492	202	308324	5.523	ng	99
77) Benzidine	12.616	184	37347	3.445	ng	99
78) Pyrene	12.716	202	323238	5.155	ng	98
80) Butylbenzylphthalate	13.345	149	28276	7.875	ng	87
81) Benzo(a)anthracene	13.904	228	266192	5.267	ng	99
82) 3,3'-Dichlorobenzidine	13.874	252	37542	3.471	ng	98
83) Chrysene	13.939	228	267957	5.441	ng	97
84) Bis(2-ethylhexyl)phtha...	13.916	149	51987	6.350	ng	98
87) Indeno(1,2,3-cd)pyrene	16.733	276	131117	3.689	ng	98
88) Benzo(b)fluoranthene	14.933	252	194069	5.025	ng	100
89) Benzo(k)fluoranthene	14.963	252	211986	5.371	ng	97
90) Benzo(a)pyrene	15.280	252	165090	4.733	ng #	96
91) Dibenzo(a,h)anthracene	16.751	278	112822	3.805	ng	99
92) Benzo(g,h,i)perylene	17.145	276	108857	3.675	ng	98

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

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