

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111522\
 Data File : BF131239.D
 Acq On : 15 Nov 2022 18:42
 Operator : CG\JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/16/2022
 Supervised By : Jagrut Upadhyay 11/16/2022

Quant Time: Nov 16 00:28:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 15 22:44:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	98619	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	329419	20.000	ng	0.00
39) Acenaphthene-d10	10.033	164	182726	20.000	ng	0.00
64) Phenanthrene-d10	11.533	188	331497	20.000	ng	0.00
76) Chrysene-d12	14.186	240	214841	20.000	ng	0.00
86) Perylene-d12	15.727	264	170602	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	624207	107.640	ng	0.00
7) Phenol-d6	6.598	99	792346	104.511	ng	0.00
23) Nitrobenzene-d5	7.551	82	777692	106.517	ng	0.00
42) 2,4,6-Tribromophenol	10.828	330	217189	115.011	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1409074	107.649	ng	0.00
79) Terphenyl-d14	13.127	244	1546387	126.201	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.787	88	145580	51.001	ng	98
3) Pyridine	3.557	79	410332	52.353	ng	99
4) n-Nitrosodimethylamine	3.540	42	249658	55.219	ng	100
6) Aniline	6.645	93	509419m	54.735	ng	
8) 2-Chlorophenol	6.763	128	354246	53.100	ng	95
10) Phenol	6.610	94	440633	49.718	ng	97
11) bis(2-Chloroethyl)ether	6.716	93	346712	54.680	ng	99
12) 1,3-Dichlorobenzene	6.916	146	396246	53.410	ng	97
13) 1,4-Dichlorobenzene	6.998	146	399588	53.023	ng	99
14) 1,2-Dichlorobenzene	7.151	146	364561	52.224	ng	99
15) Benzyl Alcohol	7.116	79	354437	61.126	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.251	45	648645	61.011	ng	99
17) 2-Methylphenol	7.222	107	302464	54.207	ng	98
18) Hexachloroethane	7.492	117	150944	53.715	ng	97
19) n-Nitroso-di-n-propyla...	7.398	70	274921	55.229	ng	98
20) 3+4-Methylphenols	7.381	107	385186	55.252	ng	95
22) Acetophenone	7.392	105	495893	60.153	ng	99
24) Nitrobenzene	7.569	77	407733	57.650	ng	98
25) Isophorone	7.810	82	702630	62.240	ng	100
26) 2-Nitrophenol	7.881	139	158852	50.619	ng	93
27) 2,4-Dimethylphenol	7.910	122	283767	58.964	ng	97
28) bis(2-Chloroethoxy)met...	8.016	93	385252	60.217	ng	100
29) 2,4-Dichlorophenol	8.116	162	313516	60.935	ng	97
30) 1,2,4-Trichlorobenzene	8.210	180	353841	63.775	ng	98
31) Naphthalene	8.292	128	1023666	56.872	ng	98
32) Benzoic acid	8.039	122	223971	73.725	ng	93
33) 4-Chloroaniline	8.339	127	413174	57.246	ng	97
34) Hexachlorobutadiene	8.404	225	228262	60.210	ng	99
35) Caprolactam	8.728	113	93060m	59.001	ng	
36) 4-Chloro-3-methylphenol	8.816	107	327570	57.532	ng	99
37) 2-Methylnaphthalene	8.986	142	686514	59.168	ng	99
38) 1-Methylnaphthalene	9.086	142	655602	57.696	ng	100
40) 1,2,4,5-Tetrachloroben...	9.151	216	342423	57.388	ng	100
41) Hexachlorocyclopentadiene	9.134	237	194034	83.343	ng	97
43) 2,4,6-Trichlorophenol	9.257	196	233324	59.585	ng	99
44) 2,4,5-Trichlorophenol	9.298	196	251932	57.504	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.457	154	806317	57.072	ng	98
47) 2-Chloronaphthalene	9.481	162	655133	57.144	ng	98
48) 2-Nitroaniline	9.575	65	226259	54.226	ng	98
49) Acenaphthylene	9.898	152	1009908	57.649	ng	99
50) Dimethylphthalate	9.757	163	760344	58.497	ng	98
51) 2,6-Dinitrotoluene	9.816	165	160478	56.180	ng	# 83
52) Acenaphthene	10.075	154	636839	60.943	ng	98
53) 3-Nitroaniline	9.992	138	169735	51.973	ng	98
54) 2,4-Dinitrophenol	10.086	184	65690	43.813	ng	# 82
55) Dibenzofuran	10.245	168	896751	57.947	ng	98
56) 4-Nitrophenol	10.133	139	134377	61.822	ng	95
57) 2,4-Dinitrotoluene	10.222	165	197148	51.920	ng	99
58) Fluorene	10.586	166	694804	55.279	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.357	232	211455	62.768	ng	98
60) Diethylphthalate	10.457	149	730257	58.337	ng	99
61) 4-Chlorophenyl-phenyle...	10.581	204	342921	58.626	ng	96
62) 4-Nitroaniline	10.610	138	166027	50.306	ng	96
63) Azobenzene	10.739	77	758918	57.922	ng	99
65) 4,6-Dinitro-2-methylph...	10.633	198	95308	44.717	ng	95
66) n-Nitrosodiphenylamine	10.698	169	608459	54.597	ng	100
67) 4-Bromophenyl-phenylether	11.075	248	225883	60.260	ng	94
68) Hexachlorobenzene	11.133	284	245155	58.684	ng	95
69) Atrazine	11.228	200	199761	57.903	ng	98
70) Pentachlorophenol	11.328	266	159092	86.864	ng	98
71) Phenanthrene	11.557	178	1037933	56.929	ng	99
72) Anthracene	11.610	178	1017237	57.487	ng	99
73) Carbazole	11.763	167	925003	58.783	ng	100
74) Di-n-butylphthalate	12.092	149	1083265	61.036	ng	99
75) Fluoranthene	12.751	202	1156164	63.351	ng	99
77) Benzidine	12.869	184	268425	42.350	ng	97
78) Pyrene	12.986	202	1157005	62.770	ng	98
80) Butylbenzylphthalate	13.604	149	409196	62.006	ng	99
81) Benzo(a)anthracene	14.180	228	886811	57.749	ng	99
82) 3,3'-Dichlorobenzidine	14.139	252	255841	58.372	ng	97
83) Chrysene	14.216	228	855823	59.012	ng	99
84) Bis(2-ethylhexyl)phtha...	14.163	149	485548	68.158	ng	99
85) Di-n-octyl phthalate	14.798	149	691643	76.561	ng	98
87) Indeno(1,2,3-cd)pyrene	17.321	276	766053	64.594	ng	100
88) Benzo(b)fluoranthene	15.268	252	702296	58.225	ng	99
89) Benzo(k)fluoranthene	15.304	252	704577	60.775	ng	100
90) Benzo(a)pyrene	15.663	252	582060	60.192	ng	99
91) Dibenzo(a,h)anthracene	17.351	278	623911	64.799	ng	100
92) Benzo(g,h,i)perylene	17.809	276	634713	63.271	ng	98

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

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