

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
 Data File : BF130423.D
 Acq On : 27 Sep 2022 13:52
 Operator : CG\JU
 Sample : PB147890BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147890BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/28/2022
 Supervised By : Jagrut Upadhyay 09/28/2022

Quant Time: Sep 27 18:41:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 27 01:00:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.645	152	135001	20.000	ng	0.00
21) Naphthalene-d8	7.928	136	537320	20.000	ng	-0.01
39) Acenaphthene-d10	9.681	164	279087	20.000	ng	0.00
64) Phenanthrene-d10	11.157	188	482481	20.000	ng	-0.01
76) Chrysene-d12	13.792	240	279283	20.000	ng	-0.01
86) Perylene-d12	15.174	264	242667	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	1028311	132.115	ng	0.02
7) Phenol-d6	6.298	99	1263842	129.773	ng	0.00
23) Nitrobenzene-d5	7.216	82	798520	75.923	ng	0.00
42) 2,4,6-Tribromophenol	10.475	330	402367	150.463	ng	0.00
45) 2-Fluorobiphenyl	9.010	172	1549810	80.864	ng	0.00
79) Terphenyl-d14	12.745	244	1593335	94.504	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.357	88	106941	29.917	ng	97
3) Pyridine	3.034	79	293346	31.459	ng	93
4) n-Nitrosodimethylamine	2.993	42	174325	34.373	ng	91
6) Aniline	6.310	93	468869	39.074	ng	# 34
8) 2-Chlorophenol	6.434	128	388092	43.771	ng	91
9) Benzaldehyde	6.192	77	218256	33.457	ng	96
10) Phenol	6.310	94	462601	40.533	ng	# 77
11) bis(2-Chloroethyl)ether	6.392	93	339921	41.292	ng	91
12) 1,3-Dichlorobenzene	6.587	146	413335	42.367	ng	96
13) 1,4-Dichlorobenzene	6.663	146	422032	42.421	ng	99
14) 1,2-Dichlorobenzene	6.816	146	399943	43.034	ng	97
15) Benzyl Alcohol	6.798	79	281869	36.504	ng	95
16) 2,2'-oxybis(1-Chloropr...	6.928	45	424903	35.389	ng	89
17) 2-Methylphenol	6.916	107	299668	41.577	ng	96
18) Hexachloroethane	7.157	117	160309	40.878	ng	92
19) n-Nitroso-di-n-propyla...	7.075	70	250923	38.183	ng	92
20) 3+4-Methylphenols	7.069	107	374256	39.972	ng	# 78
22) Acetophenone	7.063	105	537010	40.879	ng	94
24) Nitrobenzene	7.234	77	392966	36.797	ng	94
25) Isophorone	7.475	82	683536	40.323	ng	98
26) 2-Nitrophenol	7.551	139	205490	46.939	ng	# 84
27) 2,4-Dimethylphenol	7.592	122	309791	45.958	ng	97
28) bis(2-Chloroethoxy)met...	7.692	93	413857	43.358	ng	99
29) 2,4-Dichlorophenol	7.792	162	309829	41.944	ng	97
30) 1,2,4-Trichlorobenzene	7.869	180	333112	41.711	ng	97
31) Naphthalene	7.951	128	1090486	39.393	ng	100
32) Benzoic acid	7.745	122	200081	38.383	ng	95
33) 4-Chloroaniline	8.004	127	359656	34.161	ng	98
34) Hexachlorobutadiene	8.069	225	213641	41.858	ng	99
35) Caprolactam	8.386	113	96068m	45.366	ng	
36) 4-Chloro-3-methylphenol	8.498	107	333342	40.713	ng	99
37) 2-Methylnaphthalene	8.639	142	719775	40.781	ng	99
38) 1-Methylnaphthalene	8.739	142	675723	39.853	ng	98
40) 1,2,4,5-Tetrachloroben...	8.810	216	335380	44.034	ng	99
41) Hexachlorocyclopentadiene	8.792	237	417401	102.360	ng	99
43) 2,4,6-Trichlorophenol	8.922	196	220016	41.391	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.963	196	238769	41.626	ng	97
46) 1,1'-Biphenyl	9.110	154	868551	41.670	ng	98
47) 2-Chloronaphthalene	9.128	162	684321	40.586	ng	99
48) 2-Nitroaniline	9.233	65	201878	35.898	ng	88
49) Acenaphthylene	9.545	152	1007046	39.835	ng	100
50) Dimethylphthalate	9.416	163	774827	40.192	ng	99
51) 2,6-Dinitrotoluene	9.481	165	174879	43.375	ng	# 73
52) Acenaphthene	9.716	154	735876m	44.303	ng	
53) 3-Nitroaniline	9.645	138	140784	31.337	ng	93
54) 2,4-Dinitrophenol	9.757	184	180073	82.152	ng	# 79
55) Dibenzofuran	9.886	168	921290	39.877	ng	98
56) 4-Nitrophenol	9.822	139	262392	80.189	ng	87
57) 2,4-Dinitrotoluene	9.880	165	229200	44.482	ng	92
58) Fluorene	10.228	166	750564	39.724	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.004	232	182378	40.621	ng	93
60) Diethylphthalate	10.116	149	758554	39.238	ng	98
61) 4-Chlorophenyl-phenyle...	10.222	204	349933	42.218	ng	96
62) 4-Nitroaniline	10.263	138	181660	40.252	ng	90
63) Azobenzene	10.380	77	692396	34.782	ng	96
65) 4,6-Dinitro-2-methylph...	10.286	198	117742	43.838	ng	88
66) n-Nitrosodiphenylamine	10.345	169	640608	39.733	ng	99
67) 4-Bromophenyl-phenylether	10.710	248	224803	42.236	ng	94
68) Hexachlorobenzene	10.769	284	260409	43.161	ng	95
69) Atrazine	10.880	200	211853	44.963	ng	96
70) Pentachlorophenol	10.969	266	267221	82.524	ng	99
71) Phenanthrene	11.186	178	1050470	38.779	ng	100
72) Anthracene	11.239	178	1069295	40.905	ng	99
73) Carbazole	11.398	167	960725	40.723	ng	99
74) Di-n-butylphthalate	11.727	149	1138924	40.034	ng	99
75) Fluoranthene	12.369	202	1051909	40.187	ng	98
77) Benzidine	12.504	184	647478	79.863	ng	98
78) Pyrene	12.598	202	1037268	42.456	ng	99
80) Butylbenzylphthalate	13.221	149	394561	43.593	ng	96
81) Benzo(a)anthracene	13.780	228	765971	41.227	ng	99
82) 3,3'-Dichlorobenzidine	13.751	252	216811	42.869	ng	# 98
83) Chrysene	13.816	228	720699	40.854	ng	99
84) Bis(2-ethylhexyl)phtha...	13.780	149	451151	43.517	ng	97
85) Di-n-octyl phthalate	14.392	149	658106	41.503	ng	95
87) Indeno(1,2,3-cd)pyrene	16.498	276	721308	41.916	ng	98
88) Benzo(b)fluoranthene	14.792	252	696857	43.997	ng	98
89) Benzo(k)fluoranthene	14.815	252	633981	40.691	ng	99
90) Benzo(a)pyrene	15.121	252	579105	46.151	ng	98
91) Dibenzo(a,h)anthracene	16.515	278	621005	43.990	ng	99
92) Benzo(g,h,i)perylene	16.898	276	615355	43.272	ng	98

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

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