

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
 Data File : BF133768.D
 Acq On : 15 Jun 2023 11:19
 Operator : CG\JU
 Sample : PB153397BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153397BS

Quant Time: Jun 15 12:46:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 16:27:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	108657	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	414126	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	222871	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	435143	20.000	ng	0.00
76) Chrysene-d12	14.004	240	232955	20.000	ng	0.00
86) Perylene-d12	15.463	264	223978	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	783564	125.542	ng	0.00
7) Phenol-d6	6.469	99	925145	113.875	ng	0.00
23) Nitrobenzene-d5	7.404	82	811754	106.764	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	324690	115.091	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1458792	93.045	ng	0.00
79) Terphenyl-d14	12.951	244	1621617	107.712	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	96545	35.184	ng	99
3) Pyridine	3.381	79	223702	27.970	ng	97
4) n-Nitrosodimethylamine	3.328	42	178982	40.485	ng	98
6) Aniline	6.493	93	300151	29.333	ng	99
8) 2-Chlorophenol	6.616	128	294258	44.737	ng	96
9) Benzaldehyde	6.381	77	144384	26.787	ng	98
10) Phenol	6.481	94	349194	41.162	ng	98
11) bis(2-Chloroethyl)ether	6.569	93	269732	42.829	ng	96
12) 1,3-Dichlorobenzene	6.769	146	311751	44.360	ng	96
13) 1,4-Dichlorobenzene	6.851	146	316006	44.489	ng	98
14) 1,2-Dichlorobenzene	6.998	146	300346	46.796	ng	99
15) Benzyl Alcohol	6.975	79	268167	42.262	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	489905	45.889	ng	99
17) 2-Methylphenol	7.087	107	237587	40.753	ng	98
18) Hexachloroethane	7.345	117	119778	49.257	ng	99
19) n-Nitroso-di-n-propyla...	7.251	70	211653	40.946	ng	97
20) 3+4-Methylphenols	7.240	107	289418	38.161	ng	# 87
22) Acetophenone	7.245	105	400872	42.205	ng	# 96
24) Nitrobenzene	7.416	77	322931	42.180	ng	96
25) Isophorone	7.651	82	572653	41.025	ng	99
26) 2-Nitrophenol	7.734	139	158667	46.179	ng	96
27) 2,4-Dimethylphenol	7.769	122	258281	43.612	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	338343	41.938	ng	99
29) 2,4-Dichlorophenol	7.975	162	247007	42.557	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	262976	43.426	ng	98
31) Naphthalene	8.139	128	826705	40.974	ng	100
32) Benzoic acid	7.887	122	180413m	48.303	ng	
33) 4-Chloroaniline	8.187	127	112864	13.083	ng	96
34) Hexachlorobutadiene	8.251	225	164212	41.417	ng	99
35) Caprolactam	8.563	113	82717m	42.352	ng	
36) 4-Chloro-3-methylphenol	8.669	107	274780	41.071	ng	99
37) 2-Methylnaphthalene	8.828	142	561327	40.041	ng	98
38) 1-Methylnaphthalene	8.928	142	528488	40.968	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	268087	39.567	ng	99
41) Hexachlorocyclopentadiene	8.981	237	336998	111.612	ng	95
43) 2,4,6-Trichlorophenol	9.104	196	182040	40.206	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	196421	37.290	ng	98
46) 1,1'-Biphenyl	9.292	154	724095	40.284	ng	98
47) 2-Chloronaphthalene	9.322	162	523068	40.568	ng	99
48) 2-Nitroaniline	9.416	65	183341	38.880	ng	99
49) Acenaphthylene	9.733	152	917346	40.877	ng	100
50) Dimethylphthalate	9.598	163	651413	39.158	ng	100
51) 2,6-Dinitrotoluene	9.657	165	144039	41.948	ng	# 81
52) Acenaphthene	9.904	154	535206	40.744	ng	99
53) 3-Nitroaniline	9.828	138	103325	24.727	ng	99
54) 2,4-Dinitrophenol	9.933	184	163948	96.443	ng	89
55) Dibenzofuran	10.081	168	813887	40.605	ng	99
56) 4-Nitrophenol	9.992	139	242826	86.105	ng	86
57) 2,4-Dinitrotoluene	10.063	165	186924	42.804	ng	100
58) Fluorene	10.422	166	626084	40.845	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	174774	44.318	ng	100
60) Diethylphthalate	10.298	149	684940	40.455	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	302575	39.986	ng	94
62) 4-Nitroaniline	10.445	138	158169	38.606	ng	99
63) Azobenzene	10.575	77	657037	40.993	ng	98
65) 4,6-Dinitro-2-methylph...	10.469	198	106630	51.281	ng	# 73
66) n-Nitrosodiphenylamine	10.533	169	568025	38.862	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	190243	39.171	ng	97
68) Hexachlorobenzene	10.969	284	215530	42.201	ng	97
69) Atrazine	11.063	200	189539	44.692	ng	99
70) Pentachlorophenol	11.163	266	228562	74.736	ng	99
71) Phenanthrene	11.386	178	911796	41.301	ng	99
72) Anthracene	11.439	178	926110	40.232	ng	99
73) Carbazole	11.592	167	850191	39.655	ng	99
74) Di-n-butylphthalate	11.922	149	1048035	38.131	ng	100
75) Fluoranthene	12.574	202	934452	39.858	ng	98
77) Benzidine	12.698	184	252991	32.364	ng	99
78) Pyrene	12.804	202	950009	43.778	ng	99
80) Butylbenzylphthalate	13.421	149	354872	38.736	ng	98
81) Benzo(a)anthracene	13.992	228	667939	41.452	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	133788	24.974	ng	99
83) Chrysene	14.033	228	633879	41.592	ng	98
84) Bis(2-ethylhexyl)phtha...	13.980	149	434893	38.554	ng	99
85) Di-n-octyl phthalate	14.592	149	702685	43.836	ng	100
87) Indeno(1,2,3-cd)pyrene	16.927	276	803304	52.132	ng	98
88) Benzo(b)fluoranthene	15.039	252	600853	44.162	ng	99
89) Benzo(k)fluoranthene	15.068	252	550807	41.559	ng	99
90) Benzo(a)pyrene	15.404	252	525156	41.589	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	652513	51.149	ng	97
92) Benzo(g,h,i)perylene	17.368	276	660447	52.216	ng	96

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

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