

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
 Data File : BF133788.D
 Acq On : 15 Jun 2023 22:25
 Operator : CG\JU
 Sample : 03117-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2GAMS

Quant Time: Jun 16 03:00:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:12:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	113049	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	430131	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	214460	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	400485	20.000	ng	0.00
76) Chrysene-d12	14.004	240	191766	20.000	ng	0.00
86) Perylene-d12	15.462	264	214694	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	527506	81.233	ng	0.01
7) Phenol-d6	6.463	99	656853	77.710	ng	0.00
23) Nitrobenzene-d5	7.398	82	448799	56.831	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	201759	74.321	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	805418	53.386	ng	0.00
79) Terphenyl-d14	12.945	244	696904	56.233	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	112293	39.334	ng	99
3) Pyridine	3.375	79	266122	31.981	ng	97
4) n-Nitrosodimethylamine	3.340	42	188091	40.893	ng	99
6) Aniline	6.492	93	358885	33.710	ng	98
8) 2-Chlorophenol	6.616	128	293427	42.878	ng	96
9) Benzaldehyde	6.381	77	163842	29.216	ng	98
10) Phenol	6.481	94	360133	40.803	ng	96
11) bis(2-Chloroethyl)ether	6.569	93	271786	41.478	ng	97
12) 1,3-Dichlorobenzene	6.775	146	316602	43.301	ng	99
13) 1,4-Dichlorobenzene	6.851	146	316025	42.763	ng	98
14) 1,2-Dichlorobenzene	6.998	146	304943	45.666	ng	99
15) Benzyl Alcohol	6.975	79	271937	41.191	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	478358	43.066	ng	99
17) 2-Methylphenol	7.087	107	238592	39.335	ng	99
18) Hexachloroethane	7.345	117	120095	47.469	ng	97
19) n-Nitroso-di-n-propyla...	7.251	70	211312	39.292	ng	99
20) 3+4-Methylphenols	7.239	107	291841	36.986	ng	# 88
22) Acetophenone	7.245	105	408111	41.368	ng	# 99
24) Nitrobenzene	7.416	77	326038	41.001	ng	97
25) Isophorone	7.657	82	578503	39.902	ng	98
26) 2-Nitrophenol	7.734	139	160922	45.092	ng	99
27) 2,4-Dimethylphenol	7.769	122	248998	40.480	ng	96
28) bis(2-Chloroethoxy)met...	7.869	93	331380	39.547	ng	99
29) 2,4-Dichlorophenol	7.975	162	245762	40.767	ng	99
30) 1,2,4-Trichlorobenzene	8.057	180	258564	41.109	ng	96
31) Naphthalene	8.139	128	813944	38.841	ng	99
32) Benzoic acid	7.898	122	194363m	50.102	ng	
33) 4-Chloroaniline	8.186	127	208105	23.225	ng	98
34) Hexachlorobutadiene	8.251	225	164523	39.951	ng	98
35) Caprolactam	8.569	113	81112m	39.985	ng	
36) 4-Chloro-3-methylphenol	8.669	107	275279	39.615	ng	99
37) 2-Methylnaphthalene	8.828	142	557287	38.274	ng	100
38) 1-Methylnaphthalene	8.928	142	511963	38.211	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	262006	40.186	ng	98
41) Hexachlorocyclopentadiene	8.981	237	321732	110.735	ng	97
43) 2,4,6-Trichlorophenol	9.104	196	178370	40.941	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	188478	37.185	ng	96
46) 1,1'-Biphenyl	9.292	154	700467	40.498	ng	99
47) 2-Chloronaphthalene	9.322	162	510036	41.109	ng	99
48) 2-Nitroaniline	9.416	65	183623	40.467	ng	97
49) Acenaphthylene	9.733	152	840771	38.934	ng	99
50) Dimethylphthalate	9.598	163	607553	37.954	ng	100
51) 2,6-Dinitrotoluene	9.657	165	133407	40.376	ng	# 74
52) Acenaphthene	9.910	154	496754	39.300	ng	100
53) 3-Nitroaniline	9.828	138	120266	29.910	ng	89
54) 2,4-Dinitrophenol	9.939	184	155167	94.952	ng	93
55) Dibenzofuran	10.080	168	756850	39.241	ng	97
56) 4-Nitrophenol	9.992	139	215623	79.458	ng	# 76
57) 2,4-Dinitrotoluene	10.063	165	176160	41.921	ng	98
58) Fluorene	10.422	166	585038	39.665	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	157451	41.491	ng	96
60) Diethylphthalate	10.298	149	617316	37.891	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	280290	38.493	ng	97
62) 4-Nitroaniline	10.445	138	141502	35.892	ng	92
63) Azobenzene	10.575	77	611200	39.629	ng	97
65) 4,6-Dinitro-2-methylph...	10.475	198	96001	50.165	ng	94
66) n-Nitrosodiphenylamine	10.533	169	516593	38.402	ng	98
67) 4-Bromophenyl-phenylether	10.904	248	171852	38.446	ng	99
68) Hexachlorobenzene	10.969	284	192910	41.040	ng	98
69) Atrazine	11.063	200	163475	41.883	ng	98
70) Pentachlorophenol	11.163	266	195241	69.365	ng	98
71) Phenanthrene	11.386	178	809016	39.817	ng	100
72) Anthracene	11.439	178	809311	38.200	ng	99
73) Carbazole	11.592	167	739416	37.473	ng	99
74) Di-n-butylphthalate	11.922	149	860321	34.010	ng	99
75) Fluoranthene	12.574	202	772169	35.787	ng	98
77) Benzidine	12.698	184	275977	42.888	ng	99
78) Pyrene	12.804	202	771009	43.161	ng	100
80) Butylbenzylphthalate	13.421	149	263216	34.903	ng	98
81) Benzo(a)anthracene	13.992	228	525326	39.604	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	153280	34.758	ng	99
83) Chrysene	14.033	228	489091	38.984	ng	98
84) Bis(2-ethylhexyl)phtha...	13.980	149	294084	31.671	ng	99
85) Di-n-octyl phthalate	14.598	149	495524	37.552	ng	100
87) Indeno(1,2,3-cd)pyrene	16.933	276	682412	46.201	ng	99
88) Benzo(b)fluoranthene	15.039	252	500447	38.373	ng	99
89) Benzo(k)fluoranthene	15.068	252	491240	38.668	ng	98
90) Benzo(a)pyrene	15.404	252	456840	37.744	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	553173	45.237	ng	99
92) Benzo(g,h,i)perylene	17.374	276	568289	46.873	ng	98

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

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