

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
 Data File : BF140842.D
 Acq On : 13 Dec 2024 14:06
 Operator : RC/JU
 Sample : PB165590BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165590BS

Quant Time: Dec 13 16:14:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	65473	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	245294	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	137409	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	259466	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	132742	20.000	ng	0.00
86) Perylene-d12	15.574	264	131827	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	559488	145.801	ng	0.00
7) Phenol-d6	6.510	99	708581	139.676	ng	0.00
23) Nitrobenzene-d5	7.428	82	459916	95.905	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	227732	154.962	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	953300	103.367	ng	-0.02
79) Terphenyl-d14	12.974	244	997544	117.017	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.704	88	71228	44.148	ng	99
3) Pyridine	3.493	79	177211	49.921	ng	99
4) n-Nitrosodimethylamine	3.434	42	98710	47.312	ng	99
6) Aniline	6.528	93	205650	57.594	ng	# 83
8) 2-Chlorophenol	6.651	128	216626	52.472	ng	95
9) Benzaldehyde	6.416	77	56458	21.023	ng	99
10) Phenol	6.522	94	266021	51.347	ng	90
11) bis(2-Chloroethyl)ether	6.592	93	205334	51.793	ng	98
12) 1,3-Dichlorobenzene	6.798	146	232876	50.201	ng	99
13) 1,4-Dichlorobenzene	6.875	146	237650	50.596	ng	99
14) 1,2-Dichlorobenzene	7.028	146	222276	50.503	ng	100
15) Benzyl Alcohol	7.010	79	192700	51.221	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.128	45	242913	51.864	ng	# 63
17) 2-Methylphenol	7.128	107	168984	51.134	ng	93
18) Hexachloroethane	7.363	117	88303	50.336	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	155381	51.825	ng	97
20) 3+4-Methylphenols	7.281	107	222646	52.415	ng	# 81
22) Acetophenone	7.269	105	305984	51.167	ng	94
24) Nitrobenzene	7.445	77	233807	47.173	ng	98
25) Isophorone	7.681	82	420164	52.530	ng	99
26) 2-Nitrophenol	7.763	139	115589	52.626	ng	97
27) 2,4-Dimethylphenol	7.798	122	173387m	65.977	ng	
28) bis(2-Chloroethoxy)met...	7.887	93	249729	51.250	ng	99
29) 2,4-Dichlorophenol	8.010	162	184033	52.848	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	197103	49.574	ng	99
31) Naphthalene	8.163	128	636160	50.350	ng	99
32) Benzoic acid	7.951	122	117263	50.785	ng	98
33) 4-Chloroaniline	8.216	127	116730	30.857	ng	99
34) Hexachlorobutadiene	8.269	225	134359	51.019	ng	100
35) Caprolactam	8.598	113	52908m	49.095	ng	
36) 4-Chloro-3-methylphenol	8.716	107	202576	51.958	ng	99
37) 2-Methylnaphthalene	8.851	142	422746	52.678	ng	100
38) 1-Methylnaphthalene	8.951	142	392116	49.848	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	216444	53.806	ng	98
41) Hexachlorocyclopentadiene	9.004	237	111955	119.823	ng	96
43) 2,4,6-Trichlorophenol	9.139	196	128003	50.711	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	136125	49.691	ng	98
46) 1,1'-Biphenyl	9.316	154	536260	52.272	ng	100
47) 2-Chloronaphthalene	9.345	162	396892	51.057	ng	99
48) 2-Nitroaniline	9.451	65	127251	50.999	ng	97
49) Acenaphthylene	9.763	152	647476	55.127	ng	99
50) Dimethylphthalate	9.622	163	491428	54.303	ng	100
51) 2,6-Dinitrotoluene	9.692	165	104973	51.146	ng	94
52) Acenaphthene	9.933	154	395315	52.971	ng	99
53) 3-Nitroaniline	9.863	138	69929	34.836	ng	97
54) 2,4-Dinitrophenol	9.986	184	95037	88.488	ng	95
55) Dibenzofuran	10.104	168	600707	52.771	ng	99
56) 4-Nitrophenol	10.051	139	102637	74.971	ng	97
57) 2,4-Dinitrotoluene	10.104	165	141539	51.889	ng	# 93
58) Fluorene	10.451	166	480895	52.632	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	124110	58.949	ng	92
60) Diethylphthalate	10.322	149	494349	53.765	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	244904	54.617	ng	97
62) 4-Nitroaniline	10.486	138	101045m	47.994	ng	
63) Azobenzene	10.598	77	461272	52.975	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	74620	56.279	ng	96
66) n-Nitrosodiphenylamine	10.563	169	415810	54.191	ng	100
67) 4-Bromophenyl-phenylether	10.927	248	144321	54.010	ng	98
68) Hexachlorobenzene	10.998	284	165612	53.526	ng	98
69) Atrazine	11.092	200	135211	62.639	ng	98
70) Pentachlorophenol	11.204	266	124802	91.648	ng	98
71) Phenanthrene	11.416	178	669053	53.643	ng	99
72) Anthracene	11.469	178	685738	56.207	ng	100
73) Carbazole	11.627	167	599577	51.086	ng	100
74) Di-n-butylphthalate	11.945	149	732768	54.079	ng	99
75) Fluoranthene	12.610	202	690550	50.994	ng	100
77) Benzidine	12.733	184	142477	36.917	ng	99
78) Pyrene	12.839	202	703359	57.306	ng	99
80) Butylbenzylphthalate	13.451	149	227971	51.560	ng	98
81) Benzo(a)anthracene	14.045	228	485156	55.213	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	96507	36.581	ng	99
83) Chrysene	14.080	228	435631	54.219	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	266457	47.726	ng	100
85) Di-n-octyl phthalate	14.657	149	421429	55.234	ng	98
87) Indeno(1,2,3-cd)pyrene	17.104	276	558496	65.009	ng	99
88) Benzo(b)fluoranthene	15.133	252	394849	47.686	ng	100
89) Benzo(k)fluoranthene	15.163	252	397635	54.877	ng	100
90) Benzo(a)pyrene	15.510	252	396974	58.964	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	463395	65.863	ng	99
92) Benzo(g,h,i)perylene	17.556	276	426632	59.423	ng	99

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

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