

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
 Data File : BF140902.D
 Acq On : 18 Dec 2024 13:37
 Operator : RC/JU
 Sample : PB165682BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165682BS

Quant Time: Dec 18 14:09:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	69271	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	278195	20.000	ng	0.00
39) Acenaphthene-d10	9.887	164	161313	20.000	ng	0.00
64) Phenanthrene-d10	11.381	188	297522	20.000	ng	0.00
76) Chrysene-d12	14.033	240	194019	20.000	ng	0.00
86) Perylene-d12	15.533	264	159882	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	624579	148.427	ng	0.01
7) Phenol-d6	6.504	99	826803	148.345	ng	0.00
23) Nitrobenzene-d5	7.416	82	571852	102.843	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	280904	147.234	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1158965	98.777	ng	0.00
79) Terphenyl-d14	12.963	244	1463916	118.978	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.705	88	67629	37.312	ng	100
3) Pyridine	3.487	79	172590	41.117	ng	99
4) n-Nitrosodimethylamine	3.434	42	98403	46.503	ng	99
6) Aniline	6.516	93	205659	43.156	ng	# 78
8) 2-Chlorophenol	6.646	128	247566	53.950	ng	99
9) Benzaldehyde	6.404	77	52891	17.127	ng	99
10) Phenol	6.516	94	306120	52.994	ng	99
11) bis(2-Chloroethyl)ether	6.587	93	230623	53.535	ng	99
12) 1,3-Dichlorobenzene	6.787	146	265723	50.819	ng	98
13) 1,4-Dichlorobenzene	6.863	146	272762	51.390	ng	99
14) 1,2-Dichlorobenzene	7.016	146	263485	52.615	ng	99
15) Benzyl Alcohol	7.004	79	229432	57.573	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.116	45	292246	57.588	ng	90
17) 2-Methylphenol	7.122	107	202465	55.264	ng	98
18) Hexachloroethane	7.357	117	105603	53.445	ng	100
19) n-Nitroso-di-n-propyla...	7.263	70	188339	56.334	ng	100
20) 3+4-Methylphenols	7.275	107	273831	56.367	ng	# 80
22) Acetophenone	7.263	105	365369	52.502	ng	97
24) Nitrobenzene	7.440	77	285610	50.138	ng	97
25) Isophorone	7.675	82	520793	55.898	ng	99
26) 2-Nitrophenol	7.751	139	150207	57.252	ng	98
27) 2,4-Dimethylphenol	7.793	122	210758	68.786	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	328662	56.480	ng	99
29) 2,4-Dichlorophenol	8.004	162	220391	52.100	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	232201	47.884	ng	99
31) Naphthalene	8.151	128	787164	51.511	ng	100
32) Benzoic acid	7.951	122	133197	45.837	ng	99
33) 4-Chloroaniline	8.210	127	130614	25.735	ng	97
34) Hexachlorobutadiene	8.263	225	159995	49.040	ng	99
35) Caprolactam	8.592	113	77732m	61.724	ng	
36) 4-Chloro-3-methylphenol	8.704	107	253682	53.283	ng	100
37) 2-Methylnaphthalene	8.845	142	495413	49.008	ng	99
38) 1-Methylnaphthalene	8.945	142	469604	46.973	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	249701	50.361	ng	99
41) Hexachlorocyclopentadiene	8.992	237	89134	60.366	ng	98
43) 2,4,6-Trichlorophenol	9.134	196	154788	50.984	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	166346	49.849	ng	99
46) 1,1'-Biphenyl	9.304	154	658859	51.364	ng	99
47) 2-Chloronaphthalene	9.334	162	488415	49.772	ng	98
48) 2-Nitroaniline	9.439	65	163899	55.302	ng	98
49) Acenaphthylene	9.751	152	853325	59.172	ng	100
50) Dimethylphthalate	9.610	163	657261	57.792	ng	100
51) 2,6-Dinitrotoluene	9.681	165	130406	50.157	ng	100
52) Acenaphthene	9.922	154	493337	53.554	ng	99
53) 3-Nitroaniline	9.857	138	84869	32.893	ng	95
54) 2,4-Dinitrophenol	9.975	184	138273	106.627	ng	96
55) Dibenzofuran	10.092	168	711219	49.825	ng	99
56) 4-Nitrophenol	10.045	139	133758	95.466	ng	97
57) 2,4-Dinitrotoluene	10.092	165	173175	50.624	ng	99
58) Fluorene	10.439	166	582232	49.441	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	140053	51.506	ng	98
60) Diethylphthalate	10.310	149	607431	51.506	ng	100
61) 4-Chlorophenyl-phenyle...	10.428	204	287329	48.573	ng	97
62) 4-Nitroaniline	10.475	138	134973	50.059	ng	98
63) Azobenzene	10.586	77	558056	50.334	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	96479	57.226	ng	97
66) n-Nitrosodiphenylamine	10.551	169	507683	55.500	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	179170	53.830	ng	97
68) Hexachlorobenzene	10.992	284	198716	52.657	ng	100
69) Atrazine	11.081	200	170868	66.882	ng	98
70) Pentachlorophenol	11.198	266	142688	103.418	ng	100
71) Phenanthrene	11.404	178	818742	53.513	ng	100
72) Anthracene	11.457	178	835718	55.466	ng	100
73) Carbazole	11.616	167	777765	52.701	ng	100
74) Di-n-butylphthalate	11.928	149	944599	54.537	ng	100
75) Fluoranthene	12.598	202	964511	54.739	ng	99
77) Benzidine	12.716	184	217008	54.802	ng	99
78) Pyrene	12.828	202	988388	57.287	ng	99
80) Butylbenzylphthalate	13.433	149	388879	61.256	ng	100
81) Benzo(a)anthracene	14.022	228	768912	55.918	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	137648	33.179	ng	99
83) Chrysene	14.063	228	659625	52.753	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	456781	55.802	ng	100
85) Di-n-octyl phthalate	14.621	149	681776	55.052	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	631185	63.262	ng	100
88) Benzo(b)fluoranthene	15.098	252	591963	53.339	ng	99
89) Benzo(k)fluoranthene	15.127	252	588225	61.788	ng	100
90) Benzo(a)pyrene	15.469	252	510713	58.769	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	514125	62.200	ng	98
92) Benzo(g,h,i)perylene	17.504	276	453005	53.849	ng	100

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

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