

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
 Data File : BF140898.D
 Acq On : 18 Dec 2024 11:53
 Operator : RC/JU
 Sample : PB165648BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165648BS

Quant Time: Dec 18 12:13:30 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	6.851	152	81466	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	321545	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	194109	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	376011	20.000	ng	0.00
76) Chrysene-d12	14.033	240	249574	20.000	ng	0.00
86) Perylene-d12	15.521	264	160098	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	583314	117.870	ng	0.01
7) Phenol-d6	6.504	99	831170	126.805	ng	0.00
23) Nitrobenzene-d5	7.416	82	575920	89.611	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	280200	122.051	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1169978	82.868	ng	0.00
79) Terphenyl-d14	12.963	244	1403097	88.651	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	65714	30.828	ng	98
3) Pyridine	3.493	79	173659	35.178	ng	99
4) n-Nitrosodimethylamine	3.434	42	96173	38.645	ng	99
6) Aniline	6.516	93	229679	40.982	ng	# 83
8) 2-Chlorophenol	6.645	128	257377	47.692	ng	99
9) Benzaldehyde	6.404	77	58402	16.080	ng	98
10) Phenol	6.516	94	309555	45.567	ng	95
11) bis(2-Chloroethyl)ether	6.587	93	235747	46.532	ng	99
12) 1,3-Dichlorobenzene	6.793	146	268095	43.597	ng	98
13) 1,4-Dichlorobenzene	6.869	146	277700	44.489	ng	99
14) 1,2-Dichlorobenzene	7.016	146	264464	44.905	ng	99
15) Benzyl Alcohol	6.998	79	230253	49.130	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	298893	50.081	ng	91
17) 2-Methylphenol	7.122	107	208414	48.372	ng	99
18) Hexachloroethane	7.357	117	107362	46.202	ng	100
19) n-Nitroso-di-n-propyla...	7.263	70	190226	48.381	ng	99
20) 3+4-Methylphenols	7.275	107	281325	49.240	ng	# 79
22) Acetophenone	7.263	105	369385	45.923	ng	97
24) Nitrobenzene	7.434	77	290004	44.046	ng	98
25) Isophorone	7.675	82	492616	45.746	ng	99
26) 2-Nitrophenol	7.751	139	138796	45.770	ng	98
27) 2,4-Dimethylphenol	7.792	122	200742	56.684	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	311836	46.364	ng	99
29) 2,4-Dichlorophenol	8.004	162	230011	47.044	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	237704	42.410	ng	99
31) Naphthalene	8.151	128	784437	44.412	ng	100
32) Benzoic acid	7.945	122	134951	40.180	ng	98
33) 4-Chloroaniline	8.210	127	211125	35.989	ng	98
34) Hexachlorobutadiene	8.263	225	157905	41.874	ng	99
35) Caprolactam	8.592	113	70797m	48.638	ng	
36) 4-Chloro-3-methylphenol	8.704	107	255560	46.440	ng	99
37) 2-Methylnaphthalene	8.845	142	534622	45.757	ng	99
38) 1-Methylnaphthalene	8.945	142	473229	40.954	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	247370	41.462	ng	99
41) Hexachlorocyclopentadiene	8.992	237	90708	54.438	ng	98
43) 2,4,6-Trichlorophenol	9.134	196	151672	41.517	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	167704	41.765	ng	99
46) 1,1'-Biphenyl	9.310	154	685310	44.399	ng	99
47) 2-Chloronaphthalene	9.334	162	512722	43.421	ng	99
48) 2-Nitroaniline	9.439	65	154676	43.373	ng	98
49) Acenaphthylene	9.751	152	803775	46.319	ng	100
50) Dimethylphthalate	9.610	163	603291	44.084	ng	100
51) 2,6-Dinitrotoluene	9.681	165	131558	42.051	ng	98
52) Acenaphthene	9.922	154	503186	45.394	ng	99
53) 3-Nitroaniline	9.857	138	106510	34.306	ng	99
54) 2,4-Dinitrophenol	9.975	184	125574	82.078	ng	97
55) Dibenzofuran	10.092	168	701119	40.819	ng	99
56) 4-Nitrophenol	10.045	139	136436	81.602	ng	98
57) 2,4-Dinitrotoluene	10.092	165	169913	41.278	ng	99
58) Fluorene	10.439	166	574606	40.550	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	147229	44.997	ng	97
60) Diethylphthalate	10.310	149	595197	41.942	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	288758	40.567	ng	97
62) 4-Nitroaniline	10.475	138	137998	42.534	ng	97
63) Azobenzene	10.586	77	563264	42.220	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	99041	46.483	ng	98
66) n-Nitrosodiphenylamine	10.551	169	500843	43.323	ng	100
67) 4-Bromophenyl-phenylether	10.916	248	182852	43.469	ng	98
68) Hexachlorobenzene	10.992	284	212451	44.545	ng	99
69) Atrazine	11.080	200	181375	56.175	ng	99
70) Pentachlorophenol	11.198	266	150698	86.424	ng	98
71) Phenanthrene	11.404	178	872468	45.121	ng	99
72) Anthracene	11.457	178	832992	43.744	ng	100
73) Carbazole	11.616	167	792291	42.479	ng	100
74) Di-n-butylphthalate	11.927	149	970067	44.316	ng	100
75) Fluoranthene	12.598	202	1039886	46.697	ng	99
77) Benzidine	12.716	184	238801	46.882	ng	99
78) Pyrene	12.827	202	985093	44.386	ng	99
80) Butylbenzylphthalate	13.433	149	398878	48.845	ng	99
81) Benzo(a)anthracene	14.021	228	841790	47.591	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	179767	33.686	ng	98
83) Chrysene	14.057	228	776184	48.257	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	513500	48.767	ng	100
85) Di-n-octyl phthalate	14.610	149	699770	43.927	ng	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	580122	58.066	ng	100
88) Benzo(b)fluoranthene	15.086	252	588364	52.943	ng	100
89) Benzo(k)fluoranthene	15.115	252	503122	52.778	ng	99
90) Benzo(a)pyrene	15.463	252	451158	51.845	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	477268	57.663	ng	99
92) Benzo(g,h,i)perylene	17.492	276	464957	55.195	ng	99

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

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