

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123124\
 Data File : BF141049.D
 Acq On : 31 Dec 2024 10:44
 Operator : RC/JU
 Sample : PB165900BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165900BS

Quant Time: Dec 31 11:05:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	235504	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	932567	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	498769	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	838285	20.000	ng	0.00
76) Chrysene-d12	13.992	240	501587	20.000	ng	0.00
86) Perylene-d12	15.451	264	459268	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	2179647	139.512	ng	0.02
7) Phenol-d6	6.457	99	2758774	137.073	ng	0.00
23) Nitrobenzene-d5	7.392	82	1750141	120.067	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	847449	174.855	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	3056050	97.621	ng	0.00
79) Terphenyl-d14	12.933	244	3360916	111.296	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.652	88	292354	41.332	ng 98
3) Pyridine	3.393	79	792089	45.823	ng 99
4) n-Nitrosodimethylamine	3.340	42	426017	48.641	ng 99
6) Aniline	6.493	93	961087	53.543	ng 99
8) 2-Chlorophenol	6.610	128	875879	53.174	ng 98
9) Benzaldehyde	6.375	77	159449	9.999	ng 97
10) Phenol	6.469	94	1099377	52.827	ng 95
11) bis(2-Chloroethyl)ether	6.563	93	828084	49.280	ng 99
12) 1,3-Dichlorobenzene	6.769	146	890357	48.978	ng 99
13) 1,4-Dichlorobenzene	6.845	146	903876	49.323	ng 99
14) 1,2-Dichlorobenzene	6.998	146	865274	50.642	ng 98
15) Benzyl Alcohol	6.969	79	758094	52.417	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1274350	50.147	ng 99
17) 2-Methylphenol	7.081	107	704890	51.510	ng 99
18) Hexachloroethane	7.340	117	335075	51.472	ng 97
19) n-Nitroso-di-n-propyla...	7.245	70	609449	49.428	ng 98
20) 3+4-Methylphenols	7.234	107	859138	49.612	ng # 84
22) Acetophenone	7.240	105	1130893	49.433	ng 99
24) Nitrobenzene	7.410	77	910436	55.898	ng 97
25) Isophorone	7.651	82	1649672	52.009	ng 99
26) 2-Nitrophenol	7.728	139	442904	64.327	ng 99
27) 2,4-Dimethylphenol	7.763	122	712551	61.468	ng 100
28) bis(2-Chloroethoxy)met...	7.863	93	1010701	50.292	ng 99
29) 2,4-Dichlorophenol	7.963	162	709500	53.965	ng 99
30) 1,2,4-Trichlorobenzene	8.051	180	739054	49.665	ng 100
31) Naphthalene	8.134	128	2431990	49.490	ng 100
32) Benzoic acid	7.881	122	568654	57.748	ng 96
33) 4-Chloroaniline	8.175	127	462060	25.991	ng 100
34) Hexachlorobutadiene	8.251	225	444153	50.629	ng 99
35) Caprolactam	8.545	113	234765m	52.525	ng
36) 4-Chloro-3-methylphenol	8.657	107	758041	51.917	ng 97
37) 2-Methylnaphthalene	8.822	142	1605786	51.079	ng 99
38) 1-Methylnaphthalene	8.922	142	1482604	47.987	ng 99
40) 1,2,4,5-Tetrachloroben...	8.986	216	711196	51.830	ng 99
41) Hexachlorocyclopentadiene	8.975	237	920170	202.358	ng 100
43) 2,4,6-Trichlorophenol	9.098	196	523955	57.372	ng 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	519070	55.549	ng	99
46) 1,1'-Biphenyl	9.286	154	1944410	50.913	ng	100
47) 2-Chloronaphthalene	9.310	162	1472739	49.722	ng	100
48) 2-Nitroaniline	9.404	65	475629	60.088	ng	92
49) Acenaphthylene	9.728	152	2309969	54.176	ng	99
50) Dimethylphthalate	9.586	163	1773074	54.045	ng	100
51) 2,6-Dinitrotoluene	9.645	165	393248	57.956	ng	96
52) Acenaphthene	9.898	154	1683356	58.398	ng	99
53) 3-Nitroaniline	9.810	138	274915	38.478	ng	# 94
54) 2,4-Dinitrophenol	9.922	184	425813	126.139	ng	# 1
55) Dibenzofuran	10.069	168	2085466	51.480	ng	100
56) 4-Nitrophenol	9.969	139	685140	122.086	ng	99
57) 2,4-Dinitrotoluene	10.051	165	535775	63.805	ng	95
58) Fluorene	10.416	166	1569788	49.972	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	456078	58.933	ng	98
60) Diethylphthalate	10.286	149	1697829	52.421	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	779165	51.548	ng	98
62) 4-Nitroaniline	10.428	138	416013	56.588	ng	93
63) Azobenzene	10.563	77	1730135	50.893	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	284545	77.906	ng	94
66) n-Nitrosodiphenylamine	10.522	169	1457922	55.230	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	517342	57.089	ng	99
68) Hexachlorobenzene	10.957	284	561231	56.166	ng	100
69) Atrazine	11.051	200	505508	68.547	ng	99
70) Pentachlorophenol	11.151	266	709987	114.123	ng	99
71) Phenanthrene	11.375	178	2395963	54.306	ng	100
72) Anthracene	11.427	178	2422669	56.039	ng	99
73) Carbazole	11.580	167	2155738	51.871	ng	99
74) Di-n-butylphthalate	11.916	149	2505411	53.002	ng	100
75) Fluoranthene	12.563	202	2402863	50.216	ng	99
77) Benzidine	12.680	184	675427	63.716	ng	100
78) Pyrene	12.792	202	2438847	55.595	ng	100
80) Butylbenzylphthalate	13.410	149	918033	57.311	ng	99
81) Benzo(a)anthracene	13.980	228	1813766	51.885	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	381275	36.302	ng	99
83) Chrysene	14.016	228	1630326	51.735	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	1098980	52.891	ng	99
85) Di-n-octyl phthalate	14.598	149	1635355	54.379	ng	98
87) Indeno(1,2,3-cd)pyrene	16.915	276	1963841	67.871	ng	97
88) Benzo(b)fluoranthene	15.027	252	1601992	50.013	ng	100
89) Benzo(k)fluoranthene	15.057	252	1329952	52.976	ng	100
90) Benzo(a)pyrene	15.392	252	1409184	56.680	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	1577960	67.276	ng	98
92) Benzo(g,h,i)perylene	17.351	276	1516438	62.335	ng	98

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

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