

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012425\
 Data File : BF141258.D
 Acq On : 24 Jan 2025 13:09
 Operator : RC/JU
 Sample : PB166216BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166216BS

Quant Time: Jan 25 01:00:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	148739	20.000	ng	-0.02
21) Naphthalene-d8	8.086	136	580292	20.000	ng	-0.02
39) Acenaphthene-d10	9.845	164	306712	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	508622	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	335015	20.000	ng	0.00
86) Perylene-d12	15.445	264	352965	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1385656	143.914	ng	0.00
7) Phenol-d6	6.439	99	1729369	141.794	ng	0.00
23) Nitrobenzene-d5	7.369	82	1106563	101.082	ng	-0.02
42) 2,4,6-Tribromophenol	10.639	330	584603	167.279	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	2108637	104.984	ng	-0.01
79) Terphenyl-d14	12.921	244	2329387	103.344	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.604	88	184285	42.980 ng	97
3) Pyridine	3.340	79	466584	44.376 ng	95
4) n-Nitrosodimethylamine	3.287	42	238140	46.321 ng	92
6) Aniline	6.469	93	457564	42.256 ng	93
8) 2-Chlorophenol	6.586	128	536258	51.912 ng	97
9) Benzaldehyde	6.351	77	57705	8.033 ng	99
10) Phenol	6.451	94	629644	48.227 ng	91
11) bis(2-Chloroethyl)ether	6.539	93	491494	50.515 ng	96
12) 1,3-Dichlorobenzene	6.745	146	557464	48.386 ng	99
13) 1,4-Dichlorobenzene	6.822	146	569830	49.081 ng	100
14) 1,2-Dichlorobenzene	6.975	146	543791	50.213 ng	98
15) Benzyl Alcohol	6.945	79	457359	51.926 ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	656083	48.322 ng	95
17) 2-Methylphenol	7.057	107	427043	51.205 ng	99
18) Hexachloroethane	7.316	117	208966	49.772 ng	97
19) n-Nitroso-di-n-propyla...	7.222	70	354361	49.323 ng	96
20) 3+4-Methylphenols	7.210	107	513616	48.815 ng	# 86
22) Acetophenone	7.216	105	689139	49.956 ng	97
24) Nitrobenzene	7.386	77	543183	47.609 ng	98
25) Isophorone	7.628	82	964946	51.579 ng	98
26) 2-Nitrophenol	7.704	139	282800	54.490 ng	99
27) 2,4-Dimethylphenol	7.739	122	423119	60.442 ng	100
28) bis(2-Chloroethoxy)met...	7.839	93	593705	50.567 ng	100
29) 2,4-Dichlorophenol	7.945	162	434563	52.268 ng	99
30) 1,2,4-Trichlorobenzene	8.028	180	466251	49.061 ng	99
31) Naphthalene	8.110	128	1531283	50.038 ng	100
32) Benzoic acid	7.863	122	334809	49.857 ng	96
33) 4-Chloroaniline	8.157	127	233206	22.035 ng	99
34) Hexachlorobutadiene	8.228	225	289352	50.530 ng	100
35) Caprolactam	8.527	113	122286m	44.925 ng	
36) 4-Chloro-3-methylphenol	8.645	107	463314	50.954 ng	99
37) 2-Methylnaphthalene	8.798	142	1001778	51.371 ng	100
38) 1-Methylnaphthalene	8.898	142	939426	48.881 ng	99
40) 1,2,4,5-Tetrachloroben...	8.969	216	467372	53.091 ng	99
41) Hexachlorocyclopentadiene	8.957	237	573495	199.122 ng	100
43) 2,4,6-Trichlorophenol	9.080	196	312554	52.643 ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	324112	51.689	ng	98
46) 1,1'-Biphenyl	9.269	154	1223792	51.378	ng	99
47) 2-Chloronaphthalene	9.292	162	932649	50.272	ng	99
48) 2-Nitroaniline	9.386	65	274264	49.871	ng	98
49) Acenaphthylene	9.710	152	1438081	54.256	ng	99
50) Dimethylphthalate	9.569	163	1081507	52.524	ng	100
51) 2,6-Dinitrotoluene	9.633	165	241366	50.407	ng	98
52) Acenaphthene	9.880	154	1055897	57.020	ng	99
53) 3-Nitroaniline	9.798	138	135096	27.764	ng	97
54) 2,4-Dinitrophenol	9.910	184	262472	115.323	ng	96
55) Dibenzofuran	10.051	168	1299079	51.575	ng	100
56) 4-Nitrophenol	9.963	139	392996	103.126	ng	99
57) 2,4-Dinitrotoluene	10.033	165	329336	53.370	ng	100
58) Fluorene	10.398	166	991064	50.645	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	276007	52.955	ng	99
60) Diethylphthalate	10.274	149	1038876	51.681	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	492249	51.611	ng	97
62) 4-Nitroaniline	10.416	138	232319	48.781	ng	99
63) Azobenzene	10.551	77	1007904	50.814	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	180102	61.107	ng	95
66) n-Nitrosodiphenylamine	10.510	169	895264	54.572	ng	100
67) 4-Bromophenyl-phenylether	10.880	248	323613	55.264	ng	97
68) Hexachlorobenzene	10.945	284	359733	55.186	ng	96
69) Atrazine	11.039	200	303154	68.629	ng	99
70) Pentachlorophenol	11.139	266	434979	104.199	ng	100
71) Phenanthrene	11.357	178	1467412	53.739	ng	100
72) Anthracene	11.410	178	1504155	56.651	ng	100
73) Carbazole	11.563	167	1300460	53.416	ng	100
74) Di-n-butylphthalate	11.898	149	1569825	56.343	ng	100
75) Fluoranthene	12.545	202	1475583	54.152	ng	99
77) Benzidine	12.668	184	344257	55.412	ng	100
78) Pyrene	12.774	202	1492131	46.632	ng	100
80) Butylbenzylphthalate	13.398	149	587184	55.039	ng	98
81) Benzo(a)anthracene	13.968	228	1153399	50.588	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	235938	32.499	ng	99
83) Chrysene	14.004	228	1085025	50.860	ng	100
84) Bis(2-ethylhexyl)phtha...	13.962	149	769283	60.097	ng	99
85) Di-n-octyl phthalate	14.592	149	1305675	67.547	ng	97
87) Indeno(1,2,3-cd)pyrene	16.909	276	1401905	54.213	ng	99
88) Benzo(b)fluoranthene	15.027	252	1154776	50.736	ng	100
89) Benzo(k)fluoranthene	15.056	252	1060026	55.111	ng	99
90) Benzo(a)pyrene	15.386	252	1070677	57.016	ng	100
91) Dibenzo(a,h)anthracene	16.927	278	1128075	53.936	ng	98
92) Benzo(g,h,i)perylene	17.345	276	1062399	48.835	ng	99

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

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