

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
 Data File : BF144099.D
 Acq On : 28 Oct 2025 14:16
 Operator : RC/JU
 Sample : PB170267BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 28 16:09:35 2025
 Quant Title :
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/29/2025
 Supervised By :Jagrut Upadhyay 10/29/2025

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

1) 1,4-Dichlorobenzene-d4	6.881	152	82245	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	315394	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	185793	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	347429	20.000	ng	0.00
76) Chrysene-d12	14.057	240	187996	20.000	ng	0.00
86) Perylene-d12	15.539	264	212306	20.000	ng	0.00

10/29/2025
 Supervised By :Jagrut
 Upadhyay

System Monitoring Compounds

5) 2-Fluorophenol	5.510	112	553208	106.418	ng	0.02
7) Phenol-d6	6.516	99	639059	111.312	ng	0.01
23) Nitrobenzene-d5	7.445	82	438470	76.167	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	311085	131.446	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	962682	72.915	ng	0.00
79) Terphenyl-d14	12.998	244	1145319	106.506	ng	0.00

10/29/2025

Target Compounds

Compound	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.734	88	72383	32.222	ng	97
3) Pyridine	3.498	79	206241	34.294	ng	98
4) n-Nitrosodimethylamine	3.446	42	147031	39.788	ng	97
6) Aniline	6.545	93	279986	34.089	ng	99
8) 2-Chlorophenol	6.663	128	208044	40.638	ng	98
9) Benzaldehyde	6.428	77	113474	25.457	ng	99
10) Phenol	6.528	94	275183	38.852	ng	88
11) bis(2-Chloroethyl)ether	6.616	93	214428	41.896	ng	97
12) 1,3-Dichlorobenzene	6.822	146	249087	39.443	ng	99
13) 1,4-Dichlorobenzene	6.898	146	255042	40.980	ng	98
14) 1,2-Dichlorobenzene	7.045	146	248274	41.229	ng	100
15) Benzyl Alcohol	7.022	79	211812	45.373	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	400224	41.607	ng	94
17) 2-Methylphenol	7.134	107	173635	44.099	ng	97
18) Hexachloroethane	7.392	117	88920	39.963	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	166760	44.918	ng	95
20) 3+4-Methylphenols	7.286	107	197810	42.497	ng	# 84
22) Acetophenone	7.292	105	316501	46.435	ng	96
24) Nitrobenzene	7.463	77	248557	40.816	ng	100
25) Isophorone	7.704	82	449516	44.663	ng	99
26) 2-Nitrophenol	7.775	139	125980	43.486	ng	99
27) 2,4-Dimethylphenol	7.816	122	203646	47.303	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	268793	42.825	ng	97
29) 2,4-Dichlorophenol	8.022	162	209860	41.917	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	220886	42.886	ng	98
31) Naphthalene	8.186	128	595729	40.020	ng	99
32) Benzoic acid	7.951	122	170016	62.259	ng	# 83
33) 4-Chloroaniline	8.233	127	137403	26.515	ng	97
34) Hexachlorobutadiene	8.298	225	167090	39.674	ng	98
35) Caprolactam	8.610	113	66819m	53.222	ng	
36) 4-Chloro-3-methylphenol	8.716	107	207200	46.898	ng	94
37) 2-Methylnaphthalene	8.875	142	384568	39.184	ng	97
38) 1-Methylnaphthalene	8.975	142	386706	41.589	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	265538	41.586	ng	99
41) Hexachlorocyclopentadiene	9.028	237	264995	134.365	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	176011	42.408	ng	99
44) 2,4,5-Trichlorophenol	9.198	196	189414	43.485	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) 1,1'-Biphenyl	9.339	154	583723	43.889	ng	99	10/29/2025
47) 2-Chloronaphthalene	9.369	162	435377	39.074	ng	98	Supervised By :Jagrut
48) 2-Nitroaniline	9.463	65	143358	43.328	ng	97	Upadhyay
49) Acenaphthylene	9.780	152	697184	46.405	ng	100	
50) Dimethylphthalate	9.645	163	558313	45.845	ng	100	
51) 2,6-Dinitrotoluene	9.704	165	119243	49.529	ng	97	
52) Acenaphthene	9.957	154	395278	39.395	ng	98	
53) 3-Nitroaniline	9.875	138	90865	33.946	ng	97	10/29/2025
54) 2,4-Dinitrophenol	9.986	184	143249	110.009	ng	99	
55) Dibenzofuran	10.127	168	584774	41.981	ng	98	
56) 4-Nitrophenol	10.045	139	169400	93.457	ng	97	
57) 2,4-Dinitrotoluene	10.116	165	162345	49.963	ng	# 93	
58) Fluorene	10.475	166	456168	42.980	ng	95	
59) 2,3,4,6-Tetrachlorophenol	10.245	232	151091m	49.223	ng		
60) Diethylphthalate	10.345	149	525544	45.888	ng	98	
61) 4-Chlorophenyl-phenyle...	10.463	204	260833	43.700	ng	97	
62) 4-Nitroaniline	10.498	138	119406	47.080	ng	97	
63) Azobenzene	10.622	77	491191	45.313	ng	99	
65) 4,6-Dinitro-2-methylph...	10.527	198	102655	46.053	ng	97	
66) n-Nitrosodiphenylamine	10.580	169	460065	41.445	ng	99	
67) 4-Bromophenyl-phenylether	10.951	248	182630	41.984	ng	99	
68) Hexachlorobenzene	11.022	284	228963	42.918	ng	96	
69) Atrazine	11.110	200	168047	46.134	ng	98	
70) Pentachlorophenol	11.216	266	239310	94.237	ng	97	
71) Phenanthrene	11.439	178	712433	41.280	ng	99	
72) Anthracene	11.486	178	733246	41.128	ng	99	
73) Carbazole	11.645	167	632457	41.677	ng	98	
74) Di-n-butylphthalate	11.969	149	808755	43.469	ng	100	
75) Fluoranthene	12.627	202	782938	41.061	ng	100	
77) Benzidine	12.745	184	245602	41.978	ng	97	
78) Pyrene	12.857	202	765832	56.663	ng	100	
80) Butylbenzylphthalate	13.468	149	256551	50.175	ng	99	
81) Benzo(a)anthracene	14.045	228	571832	45.009	ng	100	
82) 3,3'-Dichlorobenzidine	14.004	252	151207	34.190	ng	99	
83) Chrysene	14.080	228	512766	43.009	ng	99	
84) Bis(2-ethylhexyl)phtha...	14.027	149	298825	42.809	ng	99	
85) Di-n-octyl phthalate	14.639	149	452875	37.726	ng	100	
87) Indeno(1,2,3-cd)pyrene	17.051	276	663296	45.506	ng	100	
88) Benzo(b)fluoranthene	15.104	252	512853	42.729	ng	99	
89) Benzo(k)fluoranthene	15.133	252	506870	45.772	ng	98	
90) Benzo(a)pyrene	15.474	252	499311	46.371	ng	98	
91) Dibenzo(a,h)anthracene	17.062	278	529734	45.912	ng	100	
92) Benzo(g,h,i)perylene	17.503	276	547573	47.204	ng	98	

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

