

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051625\
 Data File : BN037032.D
 Acq On : 16 May 2025 14:12
 Operator : RC/JU
 Sample : SSTD02025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020219

Quant Time: May 16 15:13:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN051625.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 16 15:12:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	84411	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	374846	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	244437	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.010	188	479797	20.000	ng/u1	0.00
79) Chrysene-d12	21.245	240	474005	20.000	ng/u1	0.00
88) Perylene-d12	24.127	264	438479	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	16967	8.203	ng/uL	0.00
4) Pyridine-d5	3.505	84	135253	21.050	ng/u1	0.00
7) Phenol-d5	6.787	99	155467	20.813	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.952	67	114704	21.102	ng/u1	0.00
11) 2-Chlorophenol-d4	7.146	132	115730	21.505	ng/u1	0.00
15) 4-Methylphenol-d8	8.322	113	126184	20.751	ng/u1	0.00
21) Nitrobenzene-d5	8.763	128	59501	20.592	ng/u1	0.00
24) 2-Nitrophenol-d4	9.481	143	65633	21.433	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	115948	20.694	ng/u1	0.00
31) 4-Chloroaniline-d4	10.534	131	172227	20.537	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	365746	20.471	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	421779	21.214	ng/u1	0.00
54) 4-Nitrophenol-d4	14.475	143	72871	21.208	ng/u1	0.00
60) Fluorene-d10	15.263	176	304608	20.410	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.386	200	62419	19.674	ng/u1	0.00
73) Anthracene-d10	17.110	188	475005	20.675	ng/u1	0.00
81) Pyrene-d10	19.410	212	545262	19.775	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.927	264	454275	20.719	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.134	88	19262	8.134	ng/uL	100
5) Pyridine	3.528	79	143195	21.469	ng/u1	100
6) Benzaldehyde	6.758	77	104156	27.472	ng/u1	100
8) Phenol	6.816	94	165271	20.773	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.046	93	131117	20.940	ng/u1	100
12) 2-Chlorophenol	7.175	128	121713	21.310	ng/u1	100
13) 2-Methylphenol	8.057	108	119133	20.743	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.134	45	268985	21.656	ng/u1	100
16) Acetophenone	8.434	105	209626	20.796	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.422	70	123090	21.165	ng/u1	100
18) 4-Methylphenol	8.387	108	134494	20.828	ng/u1	100
19) Hexachloroethane	8.681	117	58377	21.016	ng/u1	100
22) Nitrobenzene	8.804	77	189230	21.185	ng/u1	100
23) Isophorone	9.334	82	324150	21.062	ng/u1	100
25) 2-Nitrophenol	9.516	139	71260	21.277	ng/u1	100
26) 2,4-Dimethylphenol	9.581	107	154910	20.919	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.816	93	185144	20.882	ng/u1	100
29) 2,4-Dichlorophenol	10.046	162	119337	20.819	ng/u1	100
30) Naphthalene	10.446	128	412225	20.805	ng/u1	100
32) 4-Chloroaniline	10.557	127	167037	20.866	ng/u1	100
33) Hexachlorobutadiene	10.734	225	77797	20.152	ng/u1	100
34) Caprolactam	11.328	113	39173m	20.210	ng/u1	100
35) 4-Chloro-3-methylphenol	11.693	107	146786	20.975	ng/u1	100
36) 2-Methylnaphthalene	12.063	142	286861	20.654	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	290437	20.972	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.440	216	141969	20.378	ng/ul	100
40) Hexachlorocyclopentadiene	12.422	237	80287	19.085	ng/ul	100
41) 2,4,6-Trichlorophenol	12.687	196	92821	20.911	ng/ul	100
42) 2,4,5-Trichlorophenol	12.757	196	99295	20.605	ng/ul	100
43) 1,1'-Biphenyl	13.092	154	369324	20.655	ng/ul	100
44) 2-Chloronaphthalene	13.134	162	285484	20.930	ng/ul	100
45) 2-Nitroaniline	13.340	65	125967	21.907	ng/ul	100
47) Dimethylphthalate	13.728	163	376424	20.992	ng/ul	100
48) 2,6-Dinitrotoluene	13.845	165	73601	21.227	ng/ul	100
50) Acenaphthylene	13.981	152	441157	20.965	ng/ul	100
51) 3-Nitroaniline	14.175	138	78302	22.316	ng/ul	100
52) Acenaphthene	14.328	153	322143	20.818	ng/ul	100
53) 2,4-Dinitrophenol	14.381	184	42592	18.608	ng/ul	100
55) 4-Nitrophenol	14.487	109	79902	20.962	ng/ul	100
56) Dibenzofuran	14.669	168	446385	20.745	ng/ul	100
57) 2,4-Dinitrotoluene	14.634	165	111389	21.264	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.892	232	85124	20.584	ng/ul	100
59) Diethylphthalate	15.104	149	387548	20.362	ng/ul	100
61) Fluorene	15.316	166	365943	20.878	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.316	204	173508	20.434	ng/ul	100
63) 4-Nitroaniline	15.339	138	82585	24.289	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.404	198	67318	19.773	ng/ul	100
67) N-Nitrosodiphenylamine	15.534	169	306718	20.980	ng/ul	100
68) 4-Bromophenyl-phenylether	16.210	248	98512	21.106	ng/ul	100
69) Hexachlorobenzene	16.322	284	101889	20.449	ng/ul	100
70) Atrazine	16.486	200	111172	20.386	ng/ul	100
71) Pentachlorophenol	16.663	266	72097	20.003	ng/ul	100
72) Phenanthrene	17.057	178	569075	21.154	ng/ul	100
74) Anthracene	17.145	178	575982	21.083	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.057	216	142689	20.891	ng/ul	100
76) Pentachlorobenzene	14.587	250	131007	20.888	ng/ul	100
77) Carbazole	17.416	167	532277	21.347	ng/ul	100
78) Di-n-butylphthalate	17.992	149	695159	21.982	ng/ul	100
80) Fluoranthene	19.075	202	656013	19.935	ng/ul	100
82) Pyrene	19.439	202	704229	20.014	ng/ul	100
83) Butylbenzylphthalate	20.357	149	300839	21.369	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.157	252	184969	21.817	ng/ul	100
85) Benzo(a)anthracene	21.227	228	652713	20.533	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.169	149	451509	22.159	ng/ul	100
87) Chrysene	21.286	228	623034	20.788	ng/ul	100
89) Di-n-octyl phthalate	22.257	149	710710	20.550	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	565466	20.717	ng/ul	100
91) Benzo(k)fluoranthene	23.274	252	591546	21.348	ng/ul	100
93) Benzo(a)pyrene	23.992	252	521246	21.021	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.351	276	558451	19.979	ng/ul	100
95) Dibenzo(a,h)anthracene	27.409	278	449390	19.800	ng/ul	100
96) Benzo(g,h,i)perylene	28.356	276	416644	19.520	ng/ul	100

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

