

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051625\
 Data File : BN037036.D
 Acq On : 16 May 2025 17:29
 Operator : RC/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV223

Quant Time: May 16 17:57:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN051625.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 16 16:51:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	96500	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	417474	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	270754	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.010	188	536597	20.000	ng/u1	0.00
79) Chrysene-d12	21.245	240	517442	20.000	ng/u1	0.00
88) Perylene-d12	24.121	264	476653	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	19976	8.413	ng/uL	0.00
4) Pyridine-d5	3.505	84	150030	20.191	ng/u1	0.00
7) Phenol-d5	6.787	99	172607	20.007	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.952	67	127484	20.296	ng/u1	0.00
11) 2-Chlorophenol-d4	7.146	132	130980	20.929	ng/u1	0.00
15) 4-Methylphenol-d8	8.322	113	142191	20.307	ng/u1	0.00
21) Nitrobenzene-d5	8.763	128	67634	21.069	ng/u1	0.00
24) 2-Nitrophenol-d4	9.481	143	73857	21.314	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	131116	20.910	ng/u1	0.00
31) 4-Chloroaniline-d4	10.534	131	195741	20.886	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	411133	21.116	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	474202	21.383	ng/u1	0.00
54) 4-Nitrophenol-d4	14.469	143	80014	20.549	ng/u1	0.00
60) Fluorene-d10	15.263	176	350537	21.440	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.386	200	68245	19.331	ng/u1	0.00
73) Anthracene-d10	17.110	188	544343	20.761	ng/u1	0.00
81) Pyrene-d10	19.410	212	610885	21.859	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.927	264	487553	20.471	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.134	88	21965	8.270	ng/uL	95
5) Pyridine	3.522	79	157062	20.188	ng/u1	93
6) Benzaldehyde	6.757	77	119559	26.956	ng/u1	99
8) Phenol	6.816	94	186439	20.316	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.046	93	146496	20.238	ng/u1	98
12) 2-Chlorophenol	7.175	128	135611	20.394	ng/u1	98
13) 2-Methylphenol	8.057	108	132855	20.172	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.134	45	298211	20.424	ng/u1	99
16) Acetophenone	8.434	105	233018	20.273	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.422	70	138570	20.899	ng/u1	95
18) 4-Methylphenol	8.387	108	150632	20.367	ng/u1	99
19) Hexachloroethane	8.681	117	64470	20.325	ng/u1	97
22) Nitrobenzene	8.804	77	207958	20.639	ng/u1	97
23) Isophorone	9.334	82	366565	21.450	ng/u1	99
25) 2-Nitrophenol	9.516	139	81278	21.568	ng/u1	94
26) 2,4-Dimethylphenol	9.581	107	171486	21.004	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.816	93	205930	20.678	ng/u1	96
29) 2,4-Dichlorophenol	10.046	162	134023	21.049	ng/u1	97
30) Naphthalene	10.445	128	453465	20.332	ng/u1	99
32) 4-Chloroaniline	10.557	127	182280	20.230	ng/u1	98
33) Hexachlorobutadiene	10.734	225	87597	20.894	ng/u1	98
34) Caprolactam	11.328	113	45104m	20.749	ng/u1	
35) 4-Chloro-3-methylphenol	11.692	107	163671	21.060	ng/u1	98
36) 2-Methylnaphthalene	12.063	142	321443	20.907	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	314722	20.389	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.440	216	164154	21.436	ng/ul	98
40) Hexachlorocyclopentadiene	12.422	237	87982	19.938	ng/ul	98
41) 2,4,6-Trichlorophenol	12.687	196	105379	21.400	ng/ul	99
42) 2,4,5-Trichlorophenol	12.757	196	112842	21.060	ng/ul	93
43) 1,1'-Biphenyl	13.092	154	408226	20.851	ng/ul	100
44) 2-Chloronaphthalene	13.134	162	324772	21.252	ng/ul	96
45) 2-Nitroaniline	13.339	65	138141	21.359	ng/ul	97
47) Dimethylphthalate	13.728	163	411818	21.083	ng/ul	99
48) 2,6-Dinitrotoluene	13.845	165	84510	22.265	ng/ul	86
50) Acenaphthylene	13.986	152	492761	21.256	ng/ul	100
51) 3-Nitroaniline	14.175	138	89554	22.327	ng/ul	94
52) Acenaphthene	14.328	153	361597	21.024	ng/ul	96
53) 2,4-Dinitrophenol	14.381	184	47768	18.841	ng/ul	98
55) 4-Nitrophenol	14.486	109	84718	20.023	ng/ul	96
56) Dibenzofuran	14.669	168	498608	21.140	ng/ul	100
57) 2,4-Dinitrotoluene	14.634	165	127539	22.179	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.898	232	94754	20.992	ng/ul	99
59) Diethylphthalate	15.104	149	435237	21.097	ng/ul	99
61) Fluorene	15.316	166	402969	20.821	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.316	204	192810	21.055	ng/ul	96
63) 4-Nitroaniline	15.339	138	90416	23.768	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.404	198	77768	20.433	ng/ul	93
67) N-Nitrosodiphenylamine	15.528	169	339435	20.731	ng/ul	100
68) 4-Bromophenyl-phenylether	16.210	248	109799	21.226	ng/ul	97
69) Hexachlorobenzene	16.322	284	120634	21.612	ng/ul	98
70) Atrazine	16.486	200	122807	20.293	ng/ul	97
71) Pentachlorophenol	16.663	266	80686	20.208	ng/ul	93
72) Phenanthrene	17.057	178	636685	20.963	ng/ul	98
74) Anthracene	17.145	178	635767	20.538	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.057	216	163899	21.144	ng/uL	100
76) Pentachlorobenzene	14.586	250	149830	21.362	ng/uL	95
77) Carbazole	17.416	167	585357	20.752	ng/ul	99
78) Di-n-butylphthalate	17.992	149	755643	21.034	ng/ul	99
80) Fluoranthene	19.074	202	713952	21.280	ng/ul	99
82) Pyrene	19.439	202	759664	21.102	ng/ul	100
83) Butylbenzylphthalate	20.351	149	340845	22.272	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.157	252	206344	21.865	ng/ul	98
85) Benzo(a)anthracene	21.227	228	720620	20.985	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.163	149	507410	22.066	ng/ul	99
87) Chrysene	21.286	228	665055	20.398	ng/ul	99
89) Di-n-octyl phthalate	22.257	149	779952	19.445	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	630628	21.190	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	603685	20.072	ng/ul	98
93) Benzo(a)pyrene	23.986	252	556078	20.651	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.356	276	581176m	20.181	ng/ul	
95) Dibenzo(a,h)anthracene	27.403	278	484278	20.713	ng/ul	96
96) Benzo(g,h,i)perylene	28.356	276	440303	20.232	ng/ul	96

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

