

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071825\
 Data File : BN037530.D
 Acq On : 18 Jul 2025 19:52
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020376

Quant Time: Jul 19 05:12:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN071825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 18 16:22:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	102759	20.000	ng/u1	0.00
20) Naphthalene-d8	10.504	136	399778	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	242036	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	452070	20.000	ng/u1	0.00
79) Chrysene-d12	21.322	240	444099	20.000	ng/u1	0.00
88) Perylene-d12	24.263	264	459721	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	17447	8.046	ng/uL	0.00
4) Pyridine-d5	3.605	84	123104	19.689	ng/u1	0.00
7) Phenol-d5	6.881	99	145468	19.214	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.052	67	89276	19.486	ng/u1	0.00
11) 2-Chlorophenol-d4	7.252	132	130775	20.275	ng/u1	0.00
15) 4-Methylphenol-d8	8.422	113	117718	18.902	ng/u1	0.00
21) Nitrobenzene-d5	8.863	128	62405	20.768	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	57347	20.764	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	119957	20.845	ng/u1	0.00
31) 4-Chloroaniline-d4	10.634	131	166330	19.439	ng/u1	0.00
46) Dimethylphthalate-d6	13.769	166	346175	20.152	ng/u1	0.00
49) Acenaphthylene-d8	14.045	160	410887	20.374	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	62360	19.051	ng/u1	0.00
60) Fluorene-d10	15.345	176	295398	19.918	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	44199	17.635	ng/u1	0.00
73) Anthracene-d10	17.192	188	448175	20.150	ng/u1	0.00
81) Pyrene-d10	19.486	212	478110	20.494	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.063	264	473768	20.435	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	18511	7.685	ng/uL	97
5) Pyridine	3.622	79	126112	19.620	ng/u1	97
6) Benzaldehyde	6.858	77	90599	25.711	ng/u1	99
8) Phenol	6.911	94	149103	19.153	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.146	93	122333	19.336	ng/u1	99
12) 2-Chlorophenol	7.281	128	133646	20.330	ng/u1	99
13) 2-Methylphenol	8.158	108	112215	19.067	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.246	45	180302	19.703	ng/u1	99
16) Acetophenone	8.534	105	192375	19.749	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.528	70	87292	19.277	ng/u1	95
18) 4-Methylphenol	8.481	108	123088	19.361	ng/u1	98
19) Hexachloroethane	8.799	117	57915	20.566	ng/u1	96
22) Nitrobenzene	8.905	77	137802	20.138	ng/u1	99
23) Isophorone	9.434	82	245147	19.615	ng/u1	99
25) 2-Nitrophenol	9.616	139	65449	20.712	ng/u1	94
26) 2,4-Dimethylphenol	9.681	107	136755	20.530	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.922	93	161607	19.923	ng/u1	98
29) 2,4-Dichlorophenol	10.146	162	118365	20.445	ng/u1	95
30) Naphthalene	10.552	128	424787	19.982	ng/u1	98
32) 4-Chloroaniline	10.657	127	164901	19.240	ng/u1	100
33) Hexachlorobutadiene	10.852	225	83581	20.881	ng/u1	98
34) Caprolactam	11.404	113	33260	18.032	ng/u1	91
35) 4-Chloro-3-methylphenol	11.781	107	121721	20.367	ng/u1	97
36) 2-Methylnaphthalene	12.169	142	296029	20.391	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.393	142	285381	20.037	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.540	216	147771	20.461	ng/ul	98
40) Hexachlorocyclopentadiene	12.534	237	92506	20.127	ng/ul	99
41) 2,4,6-Trichlorophenol	12.781	196	87982	20.640	ng/ul	99
42) 2,4,5-Trichlorophenol	12.846	196	96497	19.930	ng/ul	97
43) 1,1'-Biphenyl	13.187	154	366637	20.135	ng/ul	96
44) 2-Chloronaphthalene	13.228	162	286907	20.310	ng/ul	98
45) 2-Nitroaniline	13.422	65	70220	20.811	ng/ul	99
47) Dimethylphthalate	13.816	163	344356	20.340	ng/ul	98
48) 2,6-Dinitrotoluene	13.922	165	65793	20.430	ng/ul	93
50) Acenaphthylene	14.075	152	476689	20.682	ng/ul	98
51) 3-Nitroaniline	14.245	138	65914	20.677	ng/ul	99
52) Acenaphthene	14.416	153	303179	20.245	ng/ul	99
53) 2,4-Dinitrophenol	14.451	184	27340	16.260	ng/ul	92
55) 4-Nitrophenol	14.551	109	46518	19.899	ng/ul	98
56) Dibenzofuran	14.751	168	423247	20.391	ng/ul	97
57) 2,4-Dinitrotoluene	14.710	165	95218	20.223	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	14.981	232	79884	21.071	ng/ul#	95
59) Diethylphthalate	15.187	149	347486	20.422	ng/ul	97
61) Fluorene	15.404	166	343608	20.260	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.404	204	170195	20.524	ng/ul	97
63) 4-Nitroaniline	15.410	138	64826	21.419	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.475	198	47946	17.767	ng/ul	99
67) N-Nitrosodiphenylamine	15.610	169	291401	20.727	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	104801	21.022	ng/ul	91
69) Hexachlorobenzene	16.404	284	118316	20.005	ng/ul	97
70) Atrazine	16.563	200	100800	19.911	ng/ul	98
71) Pentachlorophenol	16.745	266	68792	18.773	ng/ul	98
72) Phenanthrene	17.139	178	524756	20.446	ng/ul	99
74) Anthracene	17.228	178	528306	20.278	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	149768	20.703	ng/uL	95
76) Pentachlorobenzene	14.675	250	142668	20.134	ng/uL	93
77) Carbazole	17.492	167	452425	19.645	ng/ul	98
78) Di-n-butylphthalate	18.075	149	602998	21.749	ng/ul	100
80) Fluoranthene	19.151	202	569726	20.572	ng/ul	98
82) Pyrene	19.516	202	603060	20.862	ng/ul	97
83) Butylbenzylphthalate	20.427	149	218897	21.819	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.233	252	172386	20.352	ng/ul	94
85) Benzo(a)anthracene	21.304	228	586081	20.301	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.257	149	362071	21.734	ng/ul	99
87) Chrysene	21.363	228	558940	20.396	ng/ul	96
89) Di-n-octyl phthalate	22.374	149	569427	20.110	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	562415	20.818	ng/ul	100
91) Benzo(k)fluoranthene	23.392	252	575135	20.517	ng/ul	99
93) Benzo(a)pyrene	24.121	252	532710	20.554	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.562	276	669242	20.346	ng/ul	98
95) Dibenzo(a,h)anthracene	27.633	278	568172	20.696	ng/ul	100
96) Benzo(g,h,i)perylene	28.598	276	539646	20.276	ng/ul	96

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

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