

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041525\
 Data File : BN036917.D
 Acq On : 15 Apr 2025 15:33
 Operator : RC/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV216

Quant Time: Apr 15 16:52:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041525.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 15 15:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	110989	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	483347	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	316649	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.027	188	628750	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	558539	20.000	ng/u1	0.00
88) Perylene-d12	24.156	264	484322	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.111	96	22801	8.262	ng/uL	0.00
4) Pyridine-d5	3.522	84	174888	20.868	ng/u1	0.00
7) Phenol-d5	6.804	99	200603	20.564	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	150167	21.075	ng/u1	0.00
11) 2-Chlorophenol-d4	7.163	132	151812	21.586	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	166271	20.818	ng/u1	0.00
21) Nitrobenzene-d5	8.781	128	79358	21.290	ng/u1	0.00
24) 2-Nitrophenol-d4	9.498	143	85888	21.914	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	153215	21.229	ng/u1	0.00
31) 4-Chloroaniline-d4	10.551	131	226765	20.972	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	492282	21.153	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	558636	21.736	ng/u1	0.00
54) 4-Nitrophenol-d4	14.486	143	92549	20.868	ng/u1	0.00
60) Fluorene-d10	15.280	176	406949	20.959	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	84580	20.371	ng/u1	0.00
73) Anthracene-d10	17.127	188	640839	21.192	ng/u1	0.00
81) Pyrene-d10	19.427	212	690303	21.056	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.962	264	496938	20.458	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.146	88	25354	8.104	ng/uL	97
5) Pyridine	3.540	79	181593	20.965	ng/u1	95
6) Benzaldehyde	6.775	77	135396	27.457	ng/u1	94
8) Phenol	6.828	94	213464	20.537	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.057	93	174764	21.188	ng/u1	98
12) 2-Chlorophenol	7.193	128	159046	21.289	ng/u1	95
13) 2-Methylphenol	8.075	108	154962	20.611	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.151	45	341356	21.022	ng/u1	99
16) Acetophenone	8.451	105	274834	20.751	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.440	70	162476	21.168	ng/u1	96
18) 4-Methylphenol	8.404	108	174177	20.528	ng/u1	99
19) Hexachloroethane	8.698	117	73279	20.200	ng/u1	98
22) Nitrobenzene	8.822	77	239195	20.821	ng/u1	98
23) Isophorone	9.351	82	422802	21.221	ng/u1	98
25) 2-Nitrophenol	9.534	139	93603	21.705	ng/u1	96
26) 2,4-Dimethylphenol	9.598	107	200016	20.953	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.834	93	243213	21.271	ng/u1	99
29) 2,4-Dichlorophenol	10.063	162	156671	21.187	ng/u1	98
30) Naphthalene	10.463	128	531395	20.839	ng/u1	99
32) 4-Chloroaniline	10.575	127	215881	20.942	ng/u1	96
33) Hexachlorobutadiene	10.751	225	104174	20.803	ng/u1	97
34) Caprolactam	11.345	113	53469m	21.416	ng/u1	
35) 4-Chloro-3-methylphenol	11.710	107	192042	21.177	ng/u1	97
36) 2-Methylnaphthalene	12.087	142	374776	20.873	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	373332	20.886	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.457	216	193349	21.405	ng/ul	98
40) Hexachlorocyclopentadiene	12.439	237	111019	20.306	ng/ul	94
41) 2,4,6-Trichlorophenol	12.704	196	125776	21.796	ng/ul	94
42) 2,4,5-Trichlorophenol	12.775	196	137585	21.895	ng/ul	99
43) 1,1'-Biphenyl	13.110	154	488851	21.131	ng/ul	100
44) 2-Chloronaphthalene	13.145	162	380900	21.576	ng/ul	99
45) 2-Nitroaniline	13.357	65	159161	21.520	ng/ul	99
47) Dimethylphthalate	13.745	163	495737	21.429	ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	99293	22.134	ng/ul	92
50) Acenaphthylene	13.998	152	572595	21.023	ng/ul	99
51) 3-Nitroaniline	14.186	138	102377	22.588	ng/ul	97
52) Acenaphthene	14.345	153	423401	21.104	ng/ul	99
53) 2,4-Dinitrophenol	14.398	184	61263	20.685	ng/ul	86
55) 4-Nitrophenol	14.504	109	99425	20.015	ng/ul	94
56) Dibenzofuran	14.681	168	578933	20.786	ng/ul	96
57) 2,4-Dinitrotoluene	14.651	165	148548	21.918	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.910	232	115125	21.606	ng/ul	94
59) Diethylphthalate	15.116	149	520018	20.946	ng/ul	99
61) Fluorene	15.333	166	478870	21.045	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.333	204	228273	20.787	ng/ul	97
63) 4-Nitroaniline	15.357	138	103652	23.767	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.416	198	90816	20.348	ng/ul	97
67) N-Nitrosodiphenylamine	15.545	169	400186	20.990	ng/ul	92
68) 4-Bromophenyl-phenylether	16.227	248	127977	20.876	ng/ul	97
69) Hexachlorobenzene	16.339	284	138318	21.079	ng/ul	96
70) Atrazine	16.504	200	150452	20.893	ng/ul	98
71) Pentachlorophenol	16.680	266	96110	20.376	ng/ul	97
72) Phenanthrene	17.069	178	727971	20.638	ng/ul	99
74) Anthracene	17.163	178	740321	20.714	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.075	216	193589	21.662	ng/uL	98
76) Pentachlorobenzene	14.604	250	176141	21.374	ng/uL	98
77) Carbazole	17.433	167	673019	20.674	ng/ul	99
78) Di-n-butylphthalate	18.010	149	866022	21.060	ng/ul	99
80) Fluoranthene	19.092	202	819378	21.070	ng/ul	100
82) Pyrene	19.457	202	877465	21.029	ng/ul	98
83) Butylbenzylphthalate	20.368	149	362043	21.867	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.174	252	216519	21.802	ng/ul	97
85) Benzo(a)anthracene	21.245	228	786668	20.899	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.180	149	488988	20.647	ng/ul#	100
87) Chrysene	21.304	228	737569	20.811	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	684193	18.420	ng/ul	100
90) Benzo(b)fluoranthene	23.245	252	634590	20.923	ng/ul	99
91) Benzo(k)fluoranthene	23.309	252	655434	21.464	ng/ul	99
93) Benzo(a)pyrene	24.021	252	564762	20.614	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.403	276	585716	19.135	ng/ul	97
95) Dibenzo(a,h)anthracene	27.462	278	470035	18.872	ng/ul	98
96) Benzo(g,h,i)perylene	28.415	276	440944	18.897	ng/ul	99

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

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