

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032125\
 Data File : BN036705.D
 Acq On : 21 Mar 2025 14:31
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020365

Quant Time: Mar 21 15:55:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN022825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 20 13:16:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	103265	20.000	ng/u1	0.00
20) Naphthalene-d8	10.493	136	470906	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.345	164	327579	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	683044	20.000	ng/u1	0.00
79) Chrysene-d12	21.333	240	686233	20.000	ng/u1	0.00
88) Perylene-d12	24.286	264	731973	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	21728	8.180	ng/uL	0.00
4) Pyridine-d5	3.599	84	174001	21.431	ng/u1	0.00
7) Phenol-d5	6.875	99	200665	20.346	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	148367	21.144	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	149105	21.500	ng/u1	0.00
15) 4-Methylphenol-d8	8.410	113	163454	20.071	ng/u1	0.00
21) Nitrobenzene-d5	8.857	128	78717	21.147	ng/u1	0.00
24) 2-Nitrophenol-d4	9.575	143	83101	21.131	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.110	165	154674	21.684	ng/u1	0.00
31) 4-Chloroaniline-d4	10.628	131	225328	20.456	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	506394	20.555	ng/u1	0.00
49) Acenaphthylene-d8	14.039	160	567845	20.635	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	100300	20.554	ng/u1	0.00
60) Fluorene-d10	15.345	176	428497	20.622	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	89483	19.145	ng/u1	0.00
73) Anthracene-d10	17.192	188	700017	20.826	ng/u1	0.00
81) Pyrene-d10	19.492	212	805762	21.493	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.080	264	809120	22.185	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	24177	8.116	ng/uL	97
5) Pyridine	3.616	79	180908	21.357	ng/u1	99
6) Benzaldehyde	6.846	77	148556	25.552	ng/u1	98
8) Phenol	6.899	94	211995	20.049	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.128	93	169975	20.584	ng/u1	98
12) 2-Chlorophenol	7.269	128	156145	21.343	ng/u1	97
13) 2-Methylphenol	8.146	108	154731	20.317	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.222	45	337233	21.279	ng/u1	98
16) Acetophenone	8.522	105	277338	20.035	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.510	70	157872	20.307	ng/u1	96
18) 4-Methylphenol	8.475	108	173441	19.938	ng/u1	100
19) Hexachloroethane	8.775	117	71739	21.331	ng/u1	97
22) Nitrobenzene	8.899	77	238225	21.160	ng/u1	98
23) Isophorone	9.428	82	427205	20.375	ng/u1	99
25) 2-Nitrophenol	9.610	139	91555	20.905	ng/u1	100
26) 2,4-Dimethylphenol	9.669	107	190742	20.607	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.910	93	239984	20.301	ng/u1	98
29) 2,4-Dichlorophenol	10.140	162	153766	21.017	ng/u1	97
30) Naphthalene	10.540	128	536750	20.612	ng/u1	98
32) 4-Chloroaniline	10.651	127	215078	20.175	ng/u1	98
33) Hexachlorobutadiene	10.828	225	98425	20.423	ng/u1	95
34) Caprolactam	11.422	113	59129m	19.511	ng/u1	
35) 4-Chloro-3-methylphenol	11.781	107	191982	20.690	ng/u1	97
36) 2-Methylnaphthalene	12.157	142	371709	20.505	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.381	142	372778	20.393	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.528	216	190386	20.726	ng/ul	94
40) Hexachlorocyclopentadiene	12.510	237	115104	21.233	ng/ul	98
41) 2,4,6-Trichlorophenol	12.775	196	126012	20.854	ng/ul	98
42) 2,4,5-Trichlorophenol	12.845	196	139347	21.048	ng/ul	95
43) 1,1'-Biphenyl	13.175	154	498496	20.605	ng/ul	99
44) 2-Chloronaphthalene	13.216	162	382760	20.404	ng/ul	97
45) 2-Nitroaniline	13.422	65	162167	21.535	ng/ul	97
47) Dimethylphthalate	13.810	163	502439	20.226	ng/ul	99
48) 2,6-Dinitrotoluene	13.928	165	101244	20.874	ng/ul	96
50) Acenaphthylene	14.069	152	609421	20.461	ng/ul	98
51) 3-Nitroaniline	14.251	138	108495	20.714	ng/ul	93
52) Acenaphthene	14.410	153	436669	20.335	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	62066	18.611	ng/ul	99
55) 4-Nitrophenol	14.569	109	100869	20.997	ng/ul	99
56) Dibenzofuran	14.745	168	605696	20.469	ng/ul	99
57) 2,4-Dinitrotoluene	14.716	165	160830	21.655	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.975	232	117398	21.213	ng/ul	97
59) Diethylphthalate	15.181	149	539425	20.903	ng/ul	99
61) Fluorene	15.398	166	499693	20.431	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.392	204	235026	20.149	ng/ul	97
63) 4-Nitroaniline	15.422	138	116084	22.523	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.481	198	99979	19.899	ng/ul	96
67) N-Nitrosodiphenylamine	15.610	169	430663	20.642	ng/ul	99
68) 4-Bromophenyl-phenylether	16.286	248	139131	21.008	ng/ul	99
69) Hexachlorobenzene	16.404	284	145528	19.724	ng/ul	96
70) Atrazine	16.563	200	165818	21.366	ng/ul	95
71) Pentachlorophenol	16.745	266	106416	20.871	ng/ul	94
72) Phenanthrene	17.133	178	810593	20.491	ng/ul	98
74) Anthracene	17.228	178	826189	20.510	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.145	216	190295	20.358	ng/uL	97
76) Pentachlorobenzene	14.669	250	195351	20.755	ng/uL	96
77) Carbazole	17.498	167	757754	20.933	ng/ul	99
78) Di-n-butylphthalate	18.069	149	959514	21.313	ng/ul	100
80) Fluoranthene	19.157	202	942917	21.494	ng/ul	99
82) Pyrene	19.522	202	1031495	21.599	ng/ul	96
83) Butylbenzylphthalate	20.427	149	447498	22.720	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.239	252	289667	22.929	ng/ul	97
85) Benzo(a)anthracene	21.316	228	997674	21.103	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.245	149	676453	23.643	ng/ul	99
87) Chrysene	21.374	228	943474	20.732	ng/ul	97
89) Di-n-octyl phthalate	22.363	149	1125021	22.852	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	941006	20.974	ng/ul	98
91) Benzo(k)fluoranthene	23.415	252	956764	21.131	ng/ul	99
93) Benzo(a)pyrene	24.145	252	910081	21.250	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.609	276	1080140	20.656	ng/ul	98
95) Dibenzo(a,h)anthracene	27.668	278	891572	21.387	ng/ul	96
96) Benzo(g,h,i)perylene	28.645	276	828546	20.348	ng/ul	97

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

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