

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
 Data File : BN034641.D
 Acq On : 18 Oct 2024 04:27
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020343

Quant Time: Oct 18 05:00:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 16 15:50:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	290164	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1119792	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	584932	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.040	188	1046751	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	965137	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1194664	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	60451	8.337	ng/uL	0.00
4) Pyridine-d5	3.599	84	426366	20.137	ng/u1	0.00
7) Phenol-d5	6.834	99	467855	19.647	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	292632	19.922	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	385919	20.979	ng/u1	0.00
15) 4-Methylphenol-d8	8.364	113	351919	18.963	ng/u1	0.00
21) Nitrobenzene-d5	8.811	128	173193	22.225	ng/u1	0.00
24) 2-Nitrophenol-d4	9.528	143	145199	23.579	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	299547	21.105	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	469588	19.286	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	749695	20.259	ng/u1	0.00
49) Acenaphthylene-d8	13.987	160	960911	20.906	ng/u1	0.00
54) 4-Nitrophenol-d4	14.487	143	139763	20.275	ng/u1	0.00
60) Fluorene-d10	15.293	176	639563	19.983	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	56262	16.035	ng/u1	0.00
73) Anthracene-d10	17.140	188	952639	21.290	ng/u1	0.00
81) Pyrene-d10	19.428	212	1015979	20.502	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	1150679	20.904	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	65442	8.399	ng/uL	97
5) Pyridine	3.623	79	434223	20.154	ng/u1	99
6) Benzaldehyde	6.811	77	317575	22.720	ng/u1	98
8) Phenol	6.864	94	484708	19.493	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.099	93	390490	19.916	ng/u1	97
12) 2-Chlorophenol	7.234	128	400235	20.833	ng/u1	96
13) 2-Methylphenol	8.105	108	355721	19.379	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.187	45	571632	19.354	ng/u1	100
16) Acetophenone	8.475	105	555037	18.729	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.475	70	260606	18.058	ng/u1	94
18) 4-Methylphenol	8.428	108	374174	18.803	ng/u1	93
19) Hexachloroethane	8.740	117	168473	21.031	ng/u1	96
22) Nitrobenzene	8.846	77	405580	21.759	ng/u1	98
23) Isophorone	9.375	82	714913	19.402	ng/u1	98
25) 2-Nitrophenol	9.558	139	169379	23.390	ng/u1	99
26) 2,4-Dimethylphenol	9.628	107	364620	20.177	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.863	93	457352	20.122	ng/u1	100
29) 2,4-Dichlorophenol	10.087	162	309408	21.547	ng/u1	99
30) Naphthalene	10.487	128	1167117	20.735	ng/u1	99
32) 4-Chloroaniline	10.593	127	454513	19.687	ng/u1	100
33) Hexachlorobutadiene	10.787	225	185785	21.526	ng/u1	98
34) Caprolactam	11.346	113	98752	17.638	ng/u1	87
35) 4-Chloro-3-methylphenol	11.722	107	314465	19.587	ng/u1	99
36) 2-Methylnaphthalene	12.104	142	737976	19.912	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	736138	19.512	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.481	216	316993	22.054	ng/ul	99
40) Hexachlorocyclopentadiene	12.469	237	136405	17.866	ng/ul	96
41) 2,4,6-Trichlorophenol	12.722	196	192844	23.108	ng/ul	95
42) 2,4,5-Trichlorophenol	12.787	196	213607	23.099	ng/ul	98
43) 1,1'-Biphenyl	13.134	154	871685	21.701	ng/ul	99
44) 2-Chloronaphthalene	13.163	162	686797	21.875	ng/ul	98
45) 2-Nitroaniline	13.363	65	188436	22.880	ng/ul	99
47) Dimethylphthalate	13.763	163	746029	20.071	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	145642	22.620	ng/ul	96
50) Acenaphthylene	14.016	152	1058677	21.256	ng/ul	100
51) 3-Nitroaniline	14.193	138	179232	21.809	ng/ul	92
52) Acenaphthene	14.363	153	737605	21.316	ng/ul	99
53) 2,4-Dinitrophenol	14.398	184	37479	14.922	ng/ul	97
55) 4-Nitrophenol	14.504	109	108270	21.448	ng/ul	97
56) Dibenzofuran	14.698	168	954555	20.760	ng/ul	98
57) 2,4-Dinitrotoluene	14.657	165	201219	21.913	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.922	232	138768	20.935	ng/ul	96
59) Diethylphthalate	15.140	149	754495	20.007	ng/ul	99
61) Fluorene	15.351	166	754702	20.369	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.351	204	334463	20.110	ng/ul	98
63) 4-Nitroaniline	15.357	138	186465	22.773	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.422	198	66771	16.449	ng/ul#	91
67) N-Nitrosodiphenylamine	15.563	169	621703	21.076	ng/ul	97
68) 4-Bromophenyl-phenylether	16.245	248	187981	20.628	ng/ul	97
69) Hexachlorobenzene	16.351	284	213572	20.410	ng/ul	96
70) Atrazine	16.522	200	202064	20.449	ng/ul	95
71) Pentachlorophenol	16.692	266	114531	20.422	ng/ul	95
72) Phenanthrene	17.081	178	1119846	21.434	ng/ul	98
74) Anthracene	17.175	178	1146430	21.236	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.093	216	307791	23.484	ng/uL	99
76) Pentachlorobenzene	14.616	250	277288	22.108	ng/uL	98
77) Carbazole	17.439	167	1084317	21.691	ng/ul	100
78) Di-n-butylphthalate	18.034	149	1223633	21.038	ng/ul	100
80) Fluoranthene	19.098	202	1207903	20.317	ng/ul	99
82) Pyrene	19.463	202	1315685	20.776	ng/ul	99
83) Butylbenzylphthalate	20.386	149	516758	22.011	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.175	252	404409	20.830	ng/ul	90
85) Benzo(a)anthracene	21.245	228	1263200	20.601	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.216	149	804318	21.834	ng/ul	98
87) Chrysene	21.304	228	1226268	21.069	ng/ul	97
89) Di-n-octyl phthalate	22.333	149	1424523	20.516	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	1319420	20.553	ng/ul	100
91) Benzo(k)fluoranthene	23.310	252	1345291	20.508	ng/ul	99
93) Benzo(a)pyrene	24.016	252	1308138	21.047	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.392	276	1657373	21.374	ng/ul	97
95) Dibenzo(a,h)anthracene	27.451	278	1347650	21.387	ng/ul	98
96) Benzo(g,h,i)perylene	28.386	276	1290482	21.441	ng/ul	99

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

