

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041024\
 Data File : BN030824.D
 Acq On : 10 Apr 2024 20:30
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020354

Quant Time: Apr 10 21:55:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 09 12:10:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	194302	20.000	ng/u1	0.00
20) Naphthalene-d8	10.457	136	893867	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	625216	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	1369320	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1337026	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1483671	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	31837	7.682	ng/uL	0.00
4) Pyridine-d5	3.593	84	241439	19.431	ng/u1	0.00
7) Phenol-d5	6.852	99	324996	20.677	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	195820	20.170	ng/u1	0.00
11) 2-Chlorophenol-d4	7.211	132	256908	21.546	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	271044	20.575	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	134651	21.715	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	139315	24.560	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	275729	22.203	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	419852	20.536	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	888110	21.276	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	1031036	21.482	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	167235	20.945	ng/u1	0.00
60) Fluorene-d10	15.316	176	782030	21.409	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	122929	20.339	ng/u1	0.00
73) Anthracene-d10	17.169	188	1241585	21.044	ng/u1	0.00
81) Pyrene-d10	19.469	212	1460677	20.320	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	1450727	21.221	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.223	88	34918	7.866	ng/uL	99
5) Pyridine	3.611	79	247576	19.746	ng/u1	97
6) Benzaldehyde	6.828	77	182981	24.998	ng/u1	97
8) Phenol	6.875	94	336961	20.579	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.111	93	273332	20.470	ng/u1	98
12) 2-Chlorophenol	7.246	128	273870	21.411	ng/u1	95
13) 2-Methylphenol	8.122	108	258829	20.513	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.199	45	366036	19.468	ng/u1	99
16) Acetophenone	8.499	105	433892	20.861	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.487	70	213927	20.422	ng/u1	97
18) 4-Methylphenol	8.446	108	286973	20.316	ng/u1	97
19) Hexachloroethane	8.746	117	110749	20.652	ng/u1	98
22) Nitrobenzene	8.875	77	319587	21.113	ng/u1	98
23) Isophorone	9.399	82	632251	20.944	ng/u1	100
25) 2-Nitrophenol	9.581	139	157371	23.606	ng/u1	99
26) 2,4-Dimethylphenol	9.646	107	317028	21.396	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.881	93	396061	20.636	ng/u1	100
29) 2,4-Dichlorophenol	10.110	162	277413	21.886	ng/u1	100
30) Naphthalene	10.510	128	964901	21.047	ng/u1	99
32) 4-Chloroaniline	10.628	127	413221	20.972	ng/u1	99
33) Hexachlorobutadiene	10.793	225	165671	20.765	ng/u1	98
34) Caprolactam	11.404	113	97445	20.578	ng/u1	95
35) 4-Chloro-3-methylphenol	11.751	107	314148	22.004	ng/u1	99
36) 2-Methylnaphthalene	12.128	142	683322	21.343	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.351	142	676725	20.822	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.499	216	336162	20.834	ng/ul	95
40) Hexachlorocyclopentadiene	12.475	237	168093	18.345	ng/ul	98
41) 2,4,6-Trichlorophenol	12.746	196	228523	22.665	ng/ul	97
42) 2,4,5-Trichlorophenol	12.816	196	254047	22.311	ng/ul	90
43) 1,1'-Biphenyl	13.151	154	888798	20.857	ng/ul	98
44) 2-Chloronaphthalene	13.193	162	714781	21.307	ng/ul	99
45) 2-Nitroaniline	13.404	65	198250	22.206	ng/ul	98
47) Dimethylphthalate	13.787	163	913231	21.179	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	180401	22.565	ng/ul	97
50) Acenaphthylene	14.040	152	1200672	21.652	ng/ul	99
51) 3-Nitroaniline	14.234	138	198337	23.373	ng/ul	98
52) Acenaphthene	14.387	153	777461	21.038	ng/ul	97
53) 2,4-Dinitrophenol	14.440	184	65730	17.900	ng/ul	91
55) 4-Nitrophenol	14.545	109	132558	20.955	ng/ul	99
56) Dibenzofuran	14.722	168	1083900	21.100	ng/ul	99
57) 2,4-Dinitrotoluene	14.693	165	273479	23.430	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.951	232	218978	23.156	ng/ul	99
59) Diethylphthalate	15.157	149	932022	21.276	ng/ul	99
61) Fluorene	15.375	166	888024	21.749	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.369	204	428280	21.380	ng/ul	97
63) 4-Nitroaniline	15.398	138	217126	26.319	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.451	198	138613	21.344	ng/ul	98
67) N-Nitrosodiphenylamine	15.587	169	770440	20.660	ng/ul	99
68) 4-Bromophenyl-phenylether	16.263	248	272105	20.927	ng/ul	94
69) Hexachlorobenzene	16.369	284	308656	20.159	ng/ul	98
70) Atrazine	16.545	200	275838	21.341	ng/ul	98
71) Pentachlorophenol	16.722	266	192051	21.274	ng/ul	96
72) Phenanthrene	17.110	178	1468269	20.870	ng/ul	99
74) Anthracene	17.204	178	1524931	21.442	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.110	216	345114	20.515	ng/uL	97
76) Pentachlorobenzene	14.634	250	354216	20.730	ng/uL	95
77) Carbazole	17.475	167	1389553	22.279	ng/ul	98
78) Di-n-butylphthalate	18.045	149	1686316	22.163	ng/ul	99
80) Fluoranthene	19.133	202	1768691	20.698	ng/ul	98
82) Pyrene	19.498	202	1829422	20.271	ng/ul	98
83) Butylbenzylphthalate	20.410	149	824372	23.920	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.222	252	550069	22.390	ng/ul	99
85) Benzo(a)anthracene	21.292	228	1921955	21.539	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.222	149	1185888	23.333	ng/ul	97
87) Chrysene	21.351	228	1798686	21.356	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	2047024	21.787	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	1860882	21.312	ng/ul	98
91) Benzo(k)fluoranthene	23.374	252	1823936	20.569	ng/ul	97
93) Benzo(a)pyrene	24.104	252	1731679	20.994	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.533	276	1862212	20.886	ng/ul	98
95) Dibenzo(a,h)anthracene	27.586	278	1593039	21.223	ng/ul	98
96) Benzo(g,h,i)perylene	28.556	276	1457821	20.827	ng/ul	98

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

