

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041924\
 Data File : BN031044.D
 Acq On : 19 Apr 2024 16:58
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020368

Quant Time: Apr 19 22:26:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:25:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	111656	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	518078	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.287	164	362273	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.034	188	803288	20.000	ng/u1	0.00
79) Chrysene-d12	21.274	240	938293	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1264550	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	19559	8.213	ng/uL	0.00
4) Pyridine-d5	3.552	84	147450	20.650	ng/u1	0.00
7) Phenol-d5	6.811	99	195077	21.597	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	114929	20.601	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	155857	22.746	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	163754	21.632	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	81098	22.566	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	83929	25.528	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	163341	22.694	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	251203	21.200	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	528866	21.865	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	613219	22.050	ng/u1	0.00
54) 4-Nitrophenol-d4	14.492	143	110222	23.824	ng/u1	0.00
60) Fluorene-d10	15.281	176	471214	22.263	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	82172	23.175	ng/u1	0.00
73) Anthracene-d10	17.133	188	764214	22.080	ng/u1	0.00
81) Pyrene-d10	19.439	212	959065	19.012	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	1258576	21.600	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.175	88	20553	8.057	ng/uL	98
5) Pyridine	3.570	79	145605	20.209	ng/u1	97
6) Benzaldehyde	6.787	77	117888	28.026	ng/u1	99
8) Phenol	6.834	94	201462	21.410	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.069	93	161759	21.081	ng/u1	99
12) 2-Chlorophenol	7.199	128	163333	22.221	ng/u1	98
13) 2-Methylphenol	8.075	108	156241	21.548	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.158	45	212015	19.623	ng/u1	98
16) Acetophenone	8.457	105	262472	21.960	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.440	70	130652	21.704	ng/u1	98
18) 4-Methylphenol	8.405	108	174491	21.497	ng/u1	97
19) Hexachloroethane	8.705	117	66068	21.439	ng/u1	98
22) Nitrobenzene	8.834	77	191011	21.772	ng/u1	100
23) Isophorone	9.352	82	383283	21.907	ng/u1	99
25) 2-Nitrophenol	9.540	139	93905	24.303	ng/u1	96
26) 2,4-Dimethylphenol	9.599	107	187284	21.808	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.840	93	229253	20.609	ng/u1	99
29) 2,4-Dichlorophenol	10.069	162	161243	21.948	ng/u1	97
30) Naphthalene	10.463	128	570144	21.457	ng/u1	98
32) 4-Chloroaniline	10.587	127	246675	21.601	ng/u1	100
33) Hexachlorobutadiene	10.746	225	98695	21.343	ng/u1	96
34) Caprolactam	11.357	113	60828	22.163	ng/u1	95
35) 4-Chloro-3-methylphenol	11.710	107	188504	22.781	ng/u1	97
36) 2-Methylnaphthalene	12.087	142	397036	21.396	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	406201	21.564	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.457	216	199902	21.382	ng/ul	99
40) Hexachlorocyclopentadiene	12.434	237	104500	19.682	ng/ul	96
41) 2,4,6-Trichlorophenol	12.704	196	132166	22.623	ng/ul	92
42) 2,4,5-Trichlorophenol	12.775	196	148990	22.582	ng/ul	98
43) 1,1'-Biphenyl	13.110	154	531361	21.519	ng/ul	99
44) 2-Chloronaphthalene	13.151	162	419270	21.569	ng/ul	98
45) 2-Nitroaniline	13.369	65	118605	22.928	ng/ul	98
47) Dimethylphthalate	13.745	163	547105	21.897	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	102921	22.217	ng/ul	96
50) Acenaphthylene	14.004	152	710205	22.103	ng/ul	99
51) 3-Nitroaniline	14.198	138	121154	24.640	ng/ul	96
52) Acenaphthene	14.345	153	465650	21.746	ng/ul	97
53) 2,4-Dinitrophenol	14.404	184	50358	23.668	ng/ul	96
55) 4-Nitrophenol	14.510	109	89506	24.419	ng/ul	95
56) Dibenzofuran	14.687	168	643923	21.633	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	161395	23.863	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.910	232	129833	23.694	ng/ul	98
59) Diethylphthalate	15.122	149	573178	22.581	ng/ul	97
61) Fluorene	15.334	166	533500	22.550	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.334	204	255510	22.013	ng/ul	98
63) 4-Nitroaniline	15.369	138	140826	29.460	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.416	198	87520	22.972	ng/ul	98
67) N-Nitrosodiphenylamine	15.551	169	466935	21.344	ng/ul	100
68) 4-Bromophenyl-phenylether	16.234	248	157650	20.668	ng/ul	93
69) Hexachlorobenzene	16.334	284	186995	20.819	ng/ul	96
70) Atrazine	16.510	200	168817	22.264	ng/ul	97
71) Pentachlorophenol	16.681	266	121280	22.901	ng/ul	98
72) Phenanthrene	17.075	178	914427	22.157	ng/ul	98
74) Anthracene	17.169	178	929250	22.273	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	201544	20.423	ng/uL	99
76) Pentachlorobenzene	14.598	250	208455	20.796	ng/uL	96
77) Carbazole	17.445	167	886244	24.222	ng/ul	98
78) Di-n-butylphthalate	18.010	149	1055553	23.648	ng/ul	100
80) Fluoranthene	19.104	202	1146882	19.125	ng/ul	99
82) Pyrene	19.469	202	1204760	19.023	ng/ul	98
83) Butylbenzylphthalate	20.380	149	542126	22.415	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.186	252	446992	25.926	ng/ul	94
85) Benzo(a)anthracene	21.257	228	1376838	21.987	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.186	149	832493	23.340	ng/ul	99
87) Chrysene	21.316	228	1286524	21.767	ng/ul	97
89) Di-n-octyl phthalate	22.286	149	1585325	19.797	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	1529347	20.550	ng/ul	99
91) Benzo(k)fluoranthene	23.321	252	1480524	19.589	ng/ul	99
93) Benzo(a)pyrene	24.039	252	1486956	21.151	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.433	276	1852699	24.379	ng/ul	99
95) Dibenzo(a,h)anthracene	27.492	278	1545110	24.152	ng/ul	98
96) Benzo(g,h,i)perylene	28.456	276	1464792	24.552	ng/ul	99

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

