

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050124\
 Data File : BN031347.D
 Acq On : 01 May 2024 12:59
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020394

Quant Time: May 01 13:51:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 01 05:16:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	278300	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	1153780	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	717480	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.016	188	1397923	20.000	ng/u1	0.00
79) Chrysene-d12	21.257	240	1318012	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	1572051	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	47563	7.957	ng/uL	0.00
4) Pyridine-d5	3.540	84	311700	18.209	ng/u1	0.00
7) Phenol-d5	6.793	99	378619	16.907	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.958	67	227439	17.345	ng/u1	0.00
11) 2-Chlorophenol-d4	7.146	132	318508	17.778	ng/u1	0.00
15) 4-Methylphenol-d8	8.322	113	301551	16.249	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	153605	18.473	ng/u1	0.00
24) 2-Nitrophenol-d4	9.481	143	172826	19.312	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	301286	18.129	ng/u1	0.00
31) 4-Chloroaniline-d4	10.540	131	415536	17.254	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	835824	17.670	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	975078	17.766	ng/u1	0.00
54) 4-Nitrophenol-d4	14.481	143	159448	18.575	ng/u1	0.00
60) Fluorene-d10	15.257	176	710621	17.593	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.387	200	136717	19.018	ng/u1	0.00
73) Anthracene-d10	17.110	188	1079804	18.716	ng/u1	0.00
81) Pyrene-d10	19.416	212	1208841	15.060	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	1294896	17.792	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.170	88	48740	7.492	ng/uL	97
5) Pyridine	3.558	79	311146	18.094	ng/u1	99
6) Benzaldehyde	6.763	77	230551	20.505	ng/u1	97
8) Phenol	6.816	94	385804	16.950	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.052	93	318835	17.304	ng/u1	96
12) 2-Chlorophenol	7.175	128	326887	17.548	ng/u1	97
13) 2-Methylphenol	8.058	108	290892	16.456	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.134	45	399027	16.412	ng/u1	99
16) Acetophenone	8.434	105	466522	16.907	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.422	70	231598	15.986	ng/u1	99
18) 4-Methylphenol	8.387	108	317772	16.424	ng/u1	98
19) Hexachloroethane	8.675	117	141119	18.723	ng/u1	97
22) Nitrobenzene	8.810	77	359875	18.444	ng/u1	99
23) Isophorone	9.334	82	660739	17.354	ng/u1	99
25) 2-Nitrophenol	9.516	139	183591	18.805	ng/u1	98
26) 2,4-Dimethylphenol	9.581	107	324831	17.700	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.816	93	414758	17.319	ng/u1	100
29) 2,4-Dichlorophenol	10.040	162	292727	17.842	ng/u1	100
30) Naphthalene	10.440	128	1033005	18.219	ng/u1	99
32) 4-Chloroaniline	10.563	127	408252	17.705	ng/u1	98
33) Hexachlorobutadiene	10.716	225	192471	19.846	ng/u1	97
34) Caprolactam	11.346	113	95272	16.256	ng/u1	97
35) 4-Chloro-3-methylphenol	11.693	107	315407	16.737	ng/u1	97
36) 2-Methylnaphthalene	12.057	142	680578	17.313	ng/u1	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	676323	17.008	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.434	216	343403	18.544	ng/ul	100
40) Hexachlorocyclopentadiene	12.404	237	174066	16.793	ng/ul	99
41) 2,4,6-Trichlorophenol	12.681	196	231052	18.149	ng/ul	98
42) 2,4,5-Trichlorophenol	12.751	196	238742	17.195	ng/ul	98
43) 1,1'-Biphenyl	13.087	154	860538	17.659	ng/ul	96
44) 2-Chloronaphthalene	13.128	162	685325	17.807	ng/ul	98
45) 2-Nitroaniline	13.345	65	193133	17.716	ng/ul	97
47) Dimethylphthalate	13.728	163	852326	17.586	ng/ul	99
48) 2,6-Dinitrotoluene	13.851	165	174968	18.502	ng/ul	99
50) Acenaphthylene	13.981	152	1102280	17.649	ng/ul	99
51) 3-Nitroaniline	14.181	138	190241	18.679	ng/ul	99
52) Acenaphthene	14.328	153	729036	17.596	ng/ul	99
53) 2,4-Dinitrophenol	14.392	184	83207	15.396	ng/ul	88
55) 4-Nitrophenol	14.498	109	131027	19.064	ng/ul	96
56) Dibenzofuran	14.663	168	1005832	17.878	ng/ul	97
57) 2,4-Dinitrotoluene	14.640	165	249253	17.971	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.892	232	199109	17.157	ng/ul	90
59) Diethylphthalate	15.098	149	852802	17.459	ng/ul	99
61) Fluorene	15.316	166	802347	17.888	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.316	204	390064	18.027	ng/ul	97
63) 4-Nitroaniline	15.351	138	186123	19.958	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.404	198	144703	18.778	ng/ul	98
67) N-Nitrosodiphenylamine	15.534	169	687609	18.513	ng/ul	98
68) 4-Bromophenyl-phenylether	16.210	248	244176	18.671	ng/ul	97
69) Hexachlorobenzene	16.316	284	270098	17.910	ng/ul	98
70) Atrazine	16.492	200	242119	20.068	ng/ul	97
71) Pentachlorophenol	16.663	266	182333	19.969	ng/ul	95
72) Phenanthrene	17.057	178	1284597	18.569	ng/ul	98
74) Anthracene	17.145	178	1293528	18.697	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.046	216	342967	19.369	ng/uL	98
76) Pentachlorobenzene	14.575	250	332150	19.127	ng/uL	99
77) Carbazole	17.428	167	1170479	19.370	ng/ul	99
78) Di-n-butylphthalate	17.992	149	1517429	19.378	ng/ul	100
80) Fluoranthene	19.080	202	1490497	15.489	ng/ul	99
82) Pyrene	19.445	202	1525252	15.538	ng/ul	99
83) Butylbenzylphthalate	20.363	149	696261	16.977	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.169	252	484201	20.532	ng/ul	97
85) Benzo(a)anthracene	21.233	228	1553049	18.055	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.163	149	1005396	18.633	ng/ul	97
87) Chrysene	21.292	228	1407040	17.459	ng/ul	97
89) Di-n-octyl phthalate	22.263	149	1791026	15.377	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	1621083	17.016	ng/ul	99
91) Benzo(k)fluoranthene	23.292	252	1579241	16.856	ng/ul	99
93) Benzo(a)pyrene	24.010	252	1511614	17.740	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.380	276	1851101	19.173	ng/ul	97
95) Dibenzo(a,h)anthracene	27.445	278	1554898	19.387	ng/ul	98
96) Benzo(g,h,i)perylene	28.392	276	1508751	19.374	ng/ul	97

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

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