

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021722\
 Data File : BN018646.D
 Acq On : 18 Feb 2022 02:54
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020287

Quant Time: Feb 18 03:49:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN021622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 16 16:48:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	193610	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	717582	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	396149	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	751721	20.000	ng/u1	0.00
79) Chrysene-d12	21.469	240	724127	20.000	ng/u1	0.00
88) Perylene-d12	23.868	264	753081	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	41404	8.061	ng/uL	0.00
4) Pyridine-d5	3.705	84	282734	20.359	ng/u1	0.00
7) Phenol-d5	7.063	99	337985	21.166	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	202820	20.465	ng/u1	0.00
11) 2-Chlorophenol-d4	7.440	132	272209	21.644	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	254987	20.911	ng/u1	0.00
21) Nitrobenzene-d5	9.075	128	121801	22.089	ng/u1	0.00
24) 2-Nitrophenol-d4	9.799	143	134193	22.724	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	245530	21.783	ng/u1	0.00
31) 4-Chloroaniline-d4	10.852	131	311438	20.679	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	615754	21.471	ng/u1	0.00
49) Acenaphthylene-d8	14.245	160	800336	21.541	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	106587	21.388	ng/u1	0.00
60) Fluorene-d10	15.540	176	524527	21.185	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	92323	20.816	ng/u1	0.00
73) Anthracene-d10	17.386	188	783345	21.778	ng/u1	0.00
81) Pyrene-d10	19.675	212	882716	20.827	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.710	264	857956	22.339	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	44163	8.136	ng/uL	93
5) Pyridine	3.722	79	293393	20.452	ng/u1	97
6) Benzaldehyde	7.040	77	191716	21.710	ng/u1	99
8) Phenol	7.093	94	344655	20.747	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.328	93	276814	20.602	ng/u1	99
12) 2-Chlorophenol	7.475	128	284553	21.360	ng/u1	93
13) 2-Methylphenol	8.352	108	253460	20.898	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.452	45	361759	20.300	ng/u1	100
16) Acetophenone	8.734	105	395492	20.613	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.722	70	194546	20.597	ng/u1#	89
18) 4-Methylphenol	8.681	108	267536	20.485	ng/u1	97
19) Hexachloroethane	9.005	117	122643	21.609	ng/u1	96
22) Nitrobenzene	9.116	77	299379	21.219	ng/u1	94
23) Isophorone	9.640	82	530985	21.542	ng/u1	95
25) 2-Nitrophenol	9.828	139	145292	22.068	ng/u1	96
26) 2,4-Dimethylphenol	9.887	107	300284	21.502	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.128	93	333215	20.661	ng/u1	99
29) 2,4-Dichlorophenol	10.363	162	244069	21.243	ng/u1	98
30) Naphthalene	10.775	128	836972	21.346	ng/u1	100
32) 4-Chloroaniline	10.875	127	324546	20.820	ng/u1	98
33) Hexachlorobutadiene	11.069	225	179587	21.665	ng/u1	98
34) Caprolactam	11.616	113	63495	20.991	ng/u1	83
35) 4-Chloro-3-methylphenol	11.993	107	247768	21.339	ng/u1	99
36) 2-Methylnaphthalene	12.381	142	537540	20.620	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	538583	20.405	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.751	216	294388	22.136	ng/ul#	94
40) Hexachlorocyclopentadiene	12.740	237	194922	21.286	ng/ul	99
41) 2,4,6-Trichlorophenol	12.987	196	178876	22.956	ng/ul	96
42) 2,4,5-Trichlorophenol	13.051	196	191542	22.506	ng/ul	96
43) 1,1'-Biphenyl	13.387	154	694332	21.433	ng/ul	98
44) 2-Chloronaphthalene	13.428	162	541141	21.720	ng/ul	96
45) 2-Nitroaniline	13.622	65	141597	22.388	ng/ul	92
47) Dimethylphthalate	13.998	163	623922	21.288	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	123180	22.525	ng/ul	99
50) Acenaphthylene	14.269	152	835006	21.460	ng/ul	100
51) 3-Nitroaniline	14.440	138	88380	17.368	ng/ul	89
52) Acenaphthene	14.610	153	537712	21.332	ng/ul	98
53) 2,4-Dinitrophenol	14.645	184	62504	19.522	ng/ul	92
55) 4-Nitrophenol	14.740	109	96987	21.461	ng/ul	83
56) Dibenzofuran	14.945	168	770004	21.444	ng/ul	96
57) 2,4-Dinitrotoluene	14.898	165	172632	21.850	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.169	232	146526	22.238	ng/ul#	89
59) Diethylphthalate	15.363	149	615666	21.686	ng/ul	98
61) Fluorene	15.592	166	595683	21.508	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.587	204	301536	21.253	ng/ul	90
63) 4-Nitroaniline	15.598	138	74537	17.405	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.663	198	94796	20.723	ng/ul	100
67) N-Nitrosodiphenylamine	15.798	169	512343	22.001	ng/ul	99
68) 4-Bromophenyl-phenylether	16.481	248	179103	21.557	ng/ul	92
69) Hexachlorobenzene	16.604	284	196910	21.025	ng/ul	95
70) Atrazine	16.739	200	179631	21.703	ng/ul	95
71) Pentachlorophenol	16.939	266	117456	22.287	ng/ul	96
72) Phenanthrene	17.334	178	925569	21.804	ng/ul	99
74) Anthracene	17.422	178	912458	21.406	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	314237	22.307	ng/uL	95
76) Pentachlorobenzene	14.869	250	261040	22.025	ng/uL	97
77) Carbazole	17.686	167	815411	22.468	ng/ul	99
78) Di-n-butylphthalate	18.257	149	955392	22.711	ng/ul	99
80) Fluoranthene	19.345	202	1057305	20.890	ng/ul	98
82) Pyrene	19.704	202	1052130	20.219	ng/ul	99
83) Butylbenzylphthalate	20.598	149	430179	23.804	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.380	252	292152	21.522	ng/ul	98
85) Benzo(a)anthracene	21.451	228	1018255	21.158	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.380	149	648662	23.898	ng/ul	97
87) Chrysene	21.504	228	997919	20.953	ng/ul	99
89) Di-n-octyl phthalate	22.304	149	1114497	21.645	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	1057298	20.827	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	998383	20.775	ng/ul	99
93) Benzo(a)pyrene	23.763	252	1044214	21.366	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.357	276	1232245	22.533	ng/ul	96
95) Dibenzo(a,h)anthracene	26.374	278	1057104	22.372	ng/ul	98
96) Benzo(g,h,i)perylene	27.121	276	1052000	22.536	ng/ul	99

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

