

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050222\
 Data File : BN019612.D
 Acq On : 02 May 2022 10:50
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020306

Quant Time: May 03 03:31:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 03 03:31:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	199622	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	840309	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.492	164	485004	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.227	188	941756	20.000	ng/u1	0.00
79) Chrysene-d12	21.415	240	865182	20.000	ng/u1	0.00
88) Perylene-d12	23.762	264	899598	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	45094	8.525	ng/uL	0.00
4) Pyridine-d5	3.746	84	291902	21.792	ng/u1	0.00
7) Phenol-d5	7.034	99	380125	21.974	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.204	67	229776	22.899	ng/u1	0.00
11) 2-Chlorophenol-d4	7.404	132	303483	22.117	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	290357	21.910	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	141864	23.155	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	136369	22.585	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	274254	22.691	ng/u1	0.00
31) 4-Chloroaniline-d4	10.793	131	415198	22.630	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	762109	22.878	ng/u1	0.00
49) Acenaphthylene-d8	14.186	160	1019847	22.642	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	142818	22.044	ng/u1	0.00
60) Fluorene-d10	15.480	176	652675	22.194	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	91461	19.024	ng/u1	0.00
73) Anthracene-d10	17.327	188	977534	22.041	ng/u1	0.00
81) Pyrene-d10	19.621	212	1073775	21.587	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.615	264	1003081	21.812	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	44095	8.174	ng/uL	92
5) Pyridine	3.763	79	313599	22.218	ng/u1	97
6) Benzaldehyde	7.010	77	213422	24.071	ng/u1	93
8) Phenol	7.057	94	385446	22.142	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.293	93	303161	22.445	ng/u1	99
12) 2-Chlorophenol	7.434	128	310661	22.294	ng/u1	98
13) 2-Methylphenol	8.310	108	282042	21.882	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.404	45	460485	23.722	ng/u1	97
16) Acetophenone	8.687	105	461766	23.220	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.681	70	224684	24.276	ng/u1	94
18) 4-Methylphenol	8.634	108	311284	22.557	ng/u1	99
19) Hexachloroethane	8.951	117	125566	22.228	ng/u1	89
22) Nitrobenzene	9.063	77	332280	23.003	ng/u1	96
23) Isophorone	9.593	82	608298	23.611	ng/u1	99
25) 2-Nitrophenol	9.775	139	150361	22.053	ng/u1	97
26) 2,4-Dimethylphenol	9.840	107	341327	22.473	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.075	93	383246	22.622	ng/u1	99
29) 2,4-Dichlorophenol	10.304	162	272675	22.502	ng/u1	96
30) Naphthalene	10.710	128	968484	21.520	ng/u1	99
32) 4-Chloroaniline	10.816	127	420118	22.781	ng/u1	99
33) Hexachlorobutadiene	11.010	225	159907	21.996	ng/u1	97
34) Caprolactam	11.563	113	79174	23.103	ng/u1	98
35) 4-Chloro-3-methylphenol	11.940	107	297184	23.171	ng/u1	99
36) 2-Methylnaphthalene	12.322	142	643588	22.221	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.539	142	655427	22.604	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.692	216	300485	22.328	ng/ul	96
40) Hexachlorocyclopentadiene	12.681	237	153662	18.557	ng/ul	90
41) 2,4,6-Trichlorophenol	12.928	196	194093	23.120	ng/ul	96
42) 2,4,5-Trichlorophenol	12.992	196	209430	22.976	ng/ul	100
43) 1,1'-Biphenyl	13.328	154	824067	21.490	ng/ul	97
44) 2-Chloronaphthalene	13.369	162	634145	21.645	ng/ul	97
45) 2-Nitroaniline	13.563	65	174956	24.885	ng/ul	97
47) Dimethylphthalate	13.951	163	753819	22.787	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	142254	24.927	ng/ul	96
50) Acenaphthylene	14.210	152	1030768	22.275	ng/ul	100
51) 3-Nitroaniline	14.386	138	111976	19.143	ng/ul	99
52) Acenaphthene	14.557	153	670020	22.124	ng/ul	98
53) 2,4-Dinitrophenol	14.592	184	60105	18.987	ng/ul	94
55) 4-Nitrophenol	14.686	109	115083	22.354	ng/ul	94
56) Dibenzofuran	14.892	168	936152	22.128	ng/ul	100
57) 2,4-Dinitrotoluene	14.845	165	205275	24.736	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.116	232	157983	23.762	ng/ul	95
59) Diethylphthalate	15.316	149	773258	23.765	ng/ul	97
61) Fluorene	15.539	166	726740	22.129	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.533	204	342294	23.052	ng/ul	95
63) 4-Nitroaniline	15.545	138	74916	14.943	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.610	198	92577	18.932	ng/ul#	95
67) N-Nitrosodiphenylamine	15.745	169	637370	22.057	ng/ul	98
68) 4-Bromophenyl-phenylether	16.428	248	194991	22.040	ng/ul	94
69) Hexachlorobenzene	16.545	284	220621	22.170	ng/ul#	93
70) Atrazine	16.692	200	201436	21.853	ng/ul	94
71) Pentachlorophenol	16.880	266	128374	21.257	ng/ul	99
72) Phenanthrene	17.275	178	1155269	21.951	ng/ul	98
74) Anthracene	17.363	178	1159711	22.059	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.292	216	308108	21.223	ng/ul	98
76) Pentachlorobenzene	14.816	250	274215	21.682	ng/ul	94
77) Carbazole	17.627	167	1060121	22.181	ng/ul	96
78) Di-n-butylphthalate	18.204	149	1250526	24.460	ng/ul	100
80) Fluoranthene	19.286	202	1259511	21.481	ng/ul#	95
82) Pyrene	19.651	202	1307280	21.404	ng/ul#	94
83) Butylbenzylphthalate	20.557	149	529808	23.451	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.333	252	344942	19.852	ng/ul#	97
85) Benzo(a)anthracene	21.398	228	1240839	22.392	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.345	149	824393	23.782	ng/ul	99
87) Chrysene	21.451	228	1210594	22.241	ng/ul	97
89) Di-n-octyl phthalate	22.257	149	1385670	22.500	ng/ul	100
90) Benzo(b)fluoranthene	23.057	252	1269268	21.810	ng/ul	96
91) Benzo(k)fluoranthene	23.104	252	1192641	22.593	ng/ul	97
93) Benzo(a)pyrene	23.668	252	1226281	22.189	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.192	276	1390159	21.950	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.203	278	1202105	22.198	ng/ul#	95
96) Benzo(g,h,i)perylene	26.927	276	1195815	21.466	ng/ul#	92

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

