

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061322\
 Data File : BN020145.D
 Acq On : 13 Jun 2022 11:08
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020319

Quant Time: Jun 14 01:04:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 06 15:14:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	143100	20.000	ng/u1	0.00
20) Naphthalene-d8	10.604	136	680962	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.445	164	439885	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	932421	20.000	ng/u1	0.00
79) Chrysene-d12	21.374	240	831065	20.000	ng/u1	0.00
88) Perylene-d12	23.704	264	791767	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	26382	7.985	ng/uL	0.00
4) Pyridine-d5	3.687	84	185726	20.567	ng/u1	0.00
7) Phenol-d5	6.981	99	239857	20.256	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	151839	20.524	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	201216	20.914	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	212508	20.743	ng/u1	0.00
21) Nitrobenzene-d5	8.969	128	102593	19.803	ng/u1	0.00
24) 2-Nitrophenol-d4	9.687	143	112159	20.400	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.228	165	194159	20.229	ng/u1	0.00
31) 4-Chloroaniline-d4	10.740	131	315791	20.317	ng/u1	0.00
46) Dimethylphthalate-d6	13.851	166	620097	19.374	ng/u1	-0.01
49) Acenaphthylene-d8	14.134	160	757756	20.415	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.640	143	111634	17.406	ng/u1	0.00
60) Fluorene-d10	15.434	176	539514	20.370	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	95350	17.654	ng/u1	-0.01
73) Anthracene-d10	17.281	188	819823	20.146	ng/u1	-0.01
81) Pyrene-d10	19.575	212	940602	20.877	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.557	264	778050	20.084	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	27553	7.900	ng/uL	96
5) Pyridine	3.705	79	196976	20.807	ng/u1	94
6) Benzaldehyde	6.952	77	137812	24.700	ng/u1	96
8) Phenol	7.010	94	261596	20.747	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.240	93	204916	20.764	ng/u1	98
12) 2-Chlorophenol	7.381	128	210039	20.885	ng/u1	99
13) 2-Methylphenol	8.257	108	196858	20.309	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.346	45	319293	20.633	ng/u1	98
16) Acetophenone	8.634	105	327927	21.049	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.622	70	164773	20.704	ng/u1	97
18) 4-Methylphenol	8.587	108	225680	21.095	ng/u1	98
19) Hexachloroethane	8.893	117	81214	20.070	ng/u1	88
22) Nitrobenzene	9.010	77	241145	20.075	ng/u1	96
23) Isophorone	9.534	82	455989	19.226	ng/u1	99
25) 2-Nitrophenol	9.722	139	124991	20.573	ng/u1	98
26) 2,4-Dimethylphenol	9.787	107	254165	20.194	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.016	93	288939	19.908	ng/u1	98
29) 2,4-Dichlorophenol	10.257	162	200928	20.238	ng/u1	99
30) Naphthalene	10.657	128	706020	20.005	ng/u1	99
32) 4-Chloroaniline	10.763	127	316309	20.346	ng/u1	100
33) Hexachlorobutadiene	10.951	225	113251	19.868	ng/u1	98
34) Caprolactam	11.510	113	70819	18.266	ng/u1	97
35) 4-Chloro-3-methylphenol	11.893	107	243685	20.786	ng/u1	98
36) 2-Methylnaphthalene	12.269	142	487670	20.439	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	491677	20.194	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.640	216	225995	20.144	ng/ul	95
40) Hexachlorocyclopentadiene	12.622	237	115958	16.991	ng/ul	97
41) 2,4,6-Trichlorophenol	12.881	196	157292	20.333	ng/ul	97
42) 2,4,5-Trichlorophenol	12.945	196	170613	19.914	ng/ul	99
43) 1,1'-Biphenyl	13.281	154	663516	20.370	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	500547	20.257	ng/ul	97
45) 2-Nitroaniline	13.516	65	154903	20.150	ng/ul	96
47) Dimethylphthalate	13.898	163	622819	19.330	ng/ul	99
48) 2,6-Dinitrotoluene	14.016	165	127657	20.264	ng/ul	97
50) Acenaphthylene	14.163	152	836927	20.365	ng/ul	99
51) 3-Nitroaniline	14.345	138	133333	20.020	ng/ul	96
52) Acenaphthene	14.504	153	540691	20.143	ng/ul	99
53) 2,4-Dinitrophenol	14.551	184	48765	12.090	ng/ul	94
55) 4-Nitrophenol	14.651	109	94660	17.290	ng/ul	97
56) Dibenzofuran	14.839	168	767610	20.298	ng/ul	97
57) 2,4-Dinitrotoluene	14.804	165	184296	19.758	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.069	232	133730	19.884	ng/ul#	86
59) Diethylphthalate	15.263	149	648744	19.556	ng/ul	96
61) Fluorene	15.492	166	598417	20.335	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.486	204	273314	20.168	ng/ul	93
63) 4-Nitroaniline	15.504	138	126434	20.316	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.569	198	97488	17.803	ng/ul	97
67) N-Nitrosodiphenylamine	15.698	169	532631	19.926	ng/ul	98
68) 4-Bromophenyl-phenylether	16.375	248	160685	19.789	ng/ul#	88
69) Hexachlorobenzene	16.498	284	179753	19.258	ng/ul#	85
70) Atrazine	16.645	200	186764	20.025	ng/ul	95
71) Pentachlorophenol	16.839	266	101795	17.510	ng/ul	98
72) Phenanthrene	17.228	178	973976	19.793	ng/ul	99
74) Anthracene	17.316	178	994915	20.108	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.245	216	236989	18.980	ng/uL	98
76) Pentachlorobenzene	14.769	250	218873	19.834	ng/uL	97
77) Carbazole	17.586	167	919168	20.420	ng/ul	98
78) Di-n-butylphthalate	18.157	149	1091284	19.551	ng/ul	99
80) Fluoranthene	19.245	202	1131910	20.802	ng/ul	97
82) Pyrene	19.604	202	1147175	20.549	ng/ul#	93
83) Butylbenzylphthalate	20.510	149	525823	20.929	ng/ul#	95
84) 3,3'-Dichlorobenzidine	21.292	252	318580	20.070	ng/ul#	91
85) Benzo(a)anthracene	21.363	228	1085325	20.681	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.298	149	764657	21.571	ng/ul	96
87) Chrysene	21.416	228	1041167	20.279	ng/ul	97
89) Di-n-octyl phthalate	22.198	149	1320869	20.497	ng/ul	100
90) Benzo(b)fluoranthene	22.998	252	1049866	21.127	ng/ul#	94
91) Benzo(k)fluoranthene	23.045	252	976462	20.642	ng/ul#	97
93) Benzo(a)pyrene	23.598	252	988907	20.559	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.092	276	955514	19.307	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.104	278	801639	18.964	ng/ul	96
96) Benzo(g,h,i)perylene	26.821	276	790178	18.907	ng/ul#	93

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

