

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060922\
 Data File : BN020080.D
 Acq On : 09 Jun 2022 14:47
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020314

Quant Time: Jun 10 01:05:19 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	7.822	152	150293	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	707798	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	461968	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.187	188	948110	20.000	ng/u1	0.00
79) Chrysene-d12	21.380	240	881709	20.000	ng/u1	0.00
88) Perylene-d12	23.710	264	842606	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	26730	7.703	ng/uL	0.00
4) Pyridine-d5	3.687	84	185049	19.511	ng/u1	0.00
7) Phenol-d5	6.987	99	244989	19.699	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	154829	19.927	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	204521	20.240	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	213191	19.814	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	106332	19.747	ng/u1	0.00
24) 2-Nitrophenol-d4	9.693	143	116950	20.465	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	203587	20.407	ng/u1	0.00
31) 4-Chloroaniline-d4	10.746	131	316527	19.592	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	644715	19.180	ng/u1	0.00
49) Acenaphthylene-d8	14.140	160	774349	19.865	ng/u1	0.00
54) 4-Nitrophenol-d4	14.646	143	123327	18.309	ng/u1	0.00
60) Fluorene-d10	15.440	176	539954	19.412	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	83893	15.275	ng/u1	0.00
73) Anthracene-d10	17.287	188	830404	20.069	ng/u1	0.00
81) Pyrene-d10	19.581	212	934705	19.555	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.563	264	820954	19.913	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	27521	7.513	ng/uL	95
5) Pyridine	3.705	79	193090	19.420	ng/u1	92
6) Benzaldehyde	6.958	77	146386	24.981	ng/u1	93
8) Phenol	7.017	94	264770	19.994	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.246	93	207083	19.979	ng/u1	98
12) 2-Chlorophenol	7.387	128	210994	19.976	ng/u1	99
13) 2-Methylphenol	8.264	108	204695	20.106	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.352	45	321394	19.774	ng/u1	97
16) Acetophenone	8.640	105	334127	20.420	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.628	70	168217	20.125	ng/u1	94
18) 4-Methylphenol	8.593	108	227157	20.216	ng/u1	99
19) Hexachloroethane	8.899	117	82913	19.509	ng/u1	89
22) Nitrobenzene	9.016	77	246408	19.736	ng/u1	94
23) Isophorone	9.540	82	471716	19.135	ng/u1	97
25) 2-Nitrophenol	9.728	139	129417	20.494	ng/u1	96
26) 2,4-Dimethylphenol	9.793	107	259018	19.799	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.022	93	289984	19.222	ng/u1	99
29) 2,4-Dichlorophenol	10.263	162	209162	20.268	ng/u1	99
30) Naphthalene	10.663	128	720031	19.629	ng/u1	100
32) 4-Chloroaniline	10.769	127	322378	19.950	ng/u1	99
33) Hexachlorobutadiene	10.957	225	114676	19.355	ng/u1	95
34) Caprolactam	11.516	113	71432	17.726	ng/u1	95
35) 4-Chloro-3-methylphenol	11.899	107	248678	20.408	ng/u1	100
36) 2-Methylnaphthalene	12.275	142	495999	20.000	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.493	142	503657	19.901	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.646	216	230283	19.545	ng/ul	98
40) Hexachlorocyclopentadiene	12.634	237	126250	17.615	ng/ul	98
41) 2,4,6-Trichlorophenol	12.881	196	162051	19.947	ng/ul	99
42) 2,4,5-Trichlorophenol	12.951	196	178480	19.836	ng/ul	96
43) 1,1'-Biphenyl	13.287	154	675182	19.738	ng/ul	99
44) 2-Chloronaphthalene	13.322	162	507492	19.556	ng/ul	96
45) 2-Nitroaniline	13.522	65	159973	19.815	ng/ul	95
47) Dimethylphthalate	13.904	163	654851	19.352	ng/ul	99
48) 2,6-Dinitrotoluene	14.022	165	131769	19.917	ng/ul	97
50) Acenaphthylene	14.169	152	849722	19.688	ng/ul	100
51) 3-Nitroaniline	14.346	138	145997	20.874	ng/ul	99
52) Acenaphthene	14.516	153	546609	19.390	ng/ul	99
53) 2,4-Dinitrophenol	14.563	184	22506	5.313	ng/ul	98
55) 4-Nitrophenol	14.657	109	105488	18.347	ng/ul	98
56) Dibenzofuran	14.846	168	770180	19.392	ng/ul	97
57) 2,4-Dinitrotoluene	14.810	165	196109	20.019	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.075	232	128710	18.223	ng/ul	90
59) Diethylphthalate	15.275	149	667532	19.161	ng/ul	99
61) Fluorene	15.498	166	609821	19.732	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.493	204	280388	19.701	ng/ul	91
63) 4-Nitroaniline	15.510	138	148564	22.731	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.575	198	81075	14.561	ng/ul	94
67) N-Nitrosodiphenylamine	15.704	169	546721	20.114	ng/ul	98
68) 4-Bromophenyl-phenylether	16.381	248	162294	19.656	ng/ul#	86
69) Hexachlorobenzene	16.504	284	190212	20.041	ng/ul#	91
70) Atrazine	16.651	200	192024	20.248	ng/ul	97
71) Pentachlorophenol	16.845	266	58645	9.921	ng/ul	91
72) Phenanthrene	17.234	178	1001377	20.014	ng/ul	100
74) Anthracene	17.322	178	1009072	20.056	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.251	216	244790	19.281	ng/ul	98
76) Pentachlorobenzene	14.775	250	226440	20.180	ng/ul	95
77) Carbazole	17.592	167	947081	20.692	ng/ul	97
78) Di-n-butylphthalate	18.163	149	1167142	20.564	ng/ul	100
80) Fluoranthene	19.251	202	1143270	19.804	ng/ul	98
82) Pyrene	19.610	202	1177504	19.881	ng/ul#	94
83) Butylbenzylphthalate	20.516	149	540875	20.292	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.298	252	356015	21.141	ng/ul#	99
85) Benzo(a)anthracene	21.363	228	1117330	20.068	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.304	149	783639	20.837	ng/ul	99
87) Chrysene	21.416	228	1091217	20.033	ng/ul	99
89) Di-n-octyl phthalate	22.204	149	1378553	20.101	ng/ul	100
90) Benzo(b)fluoranthene	23.004	252	1089634	20.605	ng/ul#	97
91) Benzo(k)fluoranthene	23.051	252	1030110	20.462	ng/ul	96
93) Benzo(a)pyrene	23.610	252	1029942	20.120	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.098	276	1001495	19.016	ng/ul	94
95) Dibenzo(a,h)anthracene	26.116	278	852385	18.948	ng/ul	96
96) Benzo(g,h,i)perylene	26.833	276	835020	18.775	ng/ul	95

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

