

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082321\
 Data File : BN016007.D
 Acq On : 23 Aug 2021 12:59
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020263

Quant Time: Aug 23 13:34:14 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 23 10:52:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	247325	20.000	ng/u1	0.00
20) Naphthalene-d8	10.675	136	980397	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.510	164	571618	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	1147286	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	1164676	20.000	ng/u1	0.00
88) Perylene-d12	23.845	264	1182856	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	41074	6.469	ng/uL	0.00
4) Pyridine-d5	3.728	84	297658	16.774	ng/u1	0.00
7) Phenol-d5	7.028	99	358102	16.007	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	259492	18.839	ng/u1	0.00
11) 2-Chlorophenol-d4	7.405	132	270097	16.967	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	264490	15.200	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	133113	18.447	ng/u1	0.00
24) 2-Nitrophenol-d4	9.752	143	112683	16.685	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	249928	17.102	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	348503	15.667	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	715134	17.071	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	951535	18.137	ng/u1	0.00
54) 4-Nitrophenol-d4	14.704	143	110495	14.913	ng/u1	0.00
60) Fluorene-d10	15.504	176	616772	16.878	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	85818	14.006	ng/u1	0.00
73) Anthracene-d10	17.357	188	942266	17.523	ng/u1	0.00
81) Pyrene-d10	19.651	212	1047547	16.699	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.692	264	1099212	17.187	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	47611	7.294	ng/uL	88
5) Pyridine	3.746	79	261222	14.278	ng/u1	96
6) Benzaldehyde	7.011	77	287490	24.975	ng/u1	98
8) Phenol	7.058	94	370120	16.229	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.293	93	298026	16.680	ng/u1	98
12) 2-Chlorophenol	7.434	128	274740	16.791	ng/u1	98
13) 2-Methylphenol	8.311	108	260114	15.570	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.405	45	405997	17.793	ng/u1	97
16) Acetophenone	8.693	105	497739	17.726	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.675	70	227029	16.557	ng/u1	97
18) 4-Methylphenol	8.640	108	274694	15.363	ng/u1	90
19) Hexachloroethane	8.952	117	135809	18.277	ng/u1	98
22) Nitrobenzene	9.075	77	367094	17.991	ng/u1	99
23) Isophorone	9.599	82	591073	16.651	ng/u1	99
25) 2-Nitrophenol	9.787	139	128861	17.497	ng/u1	99
26) 2,4-Dimethylphenol	9.846	107	310938	15.807	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.081	93	375540	17.224	ng/u1	96
29) 2,4-Dichlorophenol	10.322	162	241831	16.784	ng/u1	93
30) Naphthalene	10.722	128	910019	17.331	ng/u1	97
32) 4-Chloroaniline	10.834	127	355872	16.204	ng/u1	98
33) Hexachlorobutadiene	11.016	225	189098	17.080	ng/u1	98
34) Caprolactam	11.599	113	67475	14.946	ng/u1	93
35) 4-Chloro-3-methylphenol	11.957	107	268245	15.717	ng/u1	96
36) 2-Methylnaphthalene	12.334	142	626288	17.152	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	574737	15.813	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.704	216	350602	18.959	ng/ul	94
40) Hexachlorocyclopentadiene	12.687	237	204146	17.028	ng/ul	96
41) 2,4,6-Trichlorophenol	12.946	196	173244	17.133	ng/ul	95
42) 2,4,5-Trichlorophenol	13.010	196	186887	16.929	ng/ul	98
43) 1,1'-Biphenyl	13.346	154	819194	18.533	ng/ul	98
44) 2-Chloronaphthalene	13.387	162	593555	17.391	ng/ul	96
45) 2-Nitroaniline	13.587	65	155951	16.126	ng/ul	95
47) Dimethylphthalate	13.969	163	687692	16.560	ng/ul	98
48) 2,6-Dinitrotoluene	14.087	165	141745	18.848	ng/ul	98
50) Acenaphthylene	14.234	152	931050	18.669	ng/ul	98
51) 3-Nitroaniline	14.416	138	141516	17.501	ng/ul	97
52) Acenaphthene	14.575	153	624779	17.320	ng/ul	97
53) 2,4-Dinitrophenol	14.616	184	46685	11.172	ng/ul	94
55) 4-Nitrophenol	14.716	109	104713	14.443	ng/ul	91
56) Dibenzofuran	14.910	168	896615	17.978	ng/ul	99
57) 2,4-Dinitrotoluene	14.869	165	193400	17.854	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.134	232	161173	17.644	ng/ul	97
59) Diethylphthalate	15.334	149	682945	16.446	ng/ul	99
61) Fluorene	15.557	166	700878	17.222	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.551	204	358415	16.889	ng/ul	97
63) 4-Nitroaniline	15.575	138	149840	19.340	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.634	198	83122	13.640	ng/ul#	95
67) N-Nitrosodiphenylamine	15.769	169	569602	17.010	ng/ul	97
68) 4-Bromophenyl-phenylether	16.451	248	217326	17.652	ng/ul	87
69) Hexachlorobenzene	16.563	284	240164	16.693	ng/ul	98
70) Atrazine	16.716	200	182271	15.006	ng/ul	97
71) Pentachlorophenol	16.910	266	110526	13.694	ng/ul	94
72) Phenanthrene	17.298	178	1101377	17.659	ng/ul	99
74) Anthracene	17.392	178	1119489	17.581	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.310	216	327155	18.104	ng/uL	95
76) Pentachlorobenzene	14.834	250	298149	16.949	ng/uL	99
77) Carbazole	17.663	167	951105	16.988	ng/ul	99
78) Di-n-butylphthalate	18.228	149	1008965	15.850	ng/ul	99
80) Fluoranthene	19.316	202	1237371	16.302	ng/ul	98
82) Pyrene	19.681	202	1308693	16.567	ng/ul	99
83) Butylbenzylphthalate	20.586	149	373004	14.041	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.369	252	402380	16.872	ng/ul	95
85) Benzo(a)anthracene	21.433	228	1278807	17.065	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.363	149	634755	15.066	ng/ul	99
87) Chrysene	21.486	228	1255694	17.307	ng/ul	99
89) Di-n-octyl phthalate	22.292	149	1010423	13.497	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	1293778	16.637	ng/ul	96
91) Benzo(k)fluoranthene	23.169	252	1295543	16.732	ng/ul	98
93) Benzo(a)pyrene	23.745	252	1285577	18.262	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.327	276	1503452	17.224	ng/ul	98
95) Dibenzo(a,h)anthracene	26.351	278	1256393	17.436	ng/ul	96
96) Benzo(g,h,i)perylene	27.092	276	1267455	17.562	ng/ul	97

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

