

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
 Data File : BN015181.D
 Acq On : 28 Jun 2021 19:01
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020411

Quant Time: Jun 28 19:30:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 24 14:43:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	138190	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	560237	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	329669	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	662403	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	641356	20.000	ng/u1	0.00
88) Perylene-d12	23.545	264	644476	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	19601	5.519	ng/uL	0.00
4) Pyridine-d5	3.676	84	135796	14.183	ng/u1	0.00
7) Phenol-d5	6.893	99	219115	18.269	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.064	67	131165	18.621	ng/u1	0.00
11) 2-Chlorophenol-d4	7.258	132	174086	19.142	ng/u1	0.00
15) 4-Methylphenol-d8	8.416	113	169524	18.313	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	86409	22.547	ng/u1	0.00
24) 2-Nitrophenol-d4	9.581	143	78722	23.060	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	158861	19.716	ng/u1	0.00
31) 4-Chloroaniline-d4	10.628	131	235795	18.883	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	457477	20.209	ng/u1	0.00
49) Acenaphthylene-d8	14.040	160	578899	19.699	ng/u1	0.00
54) 4-Nitrophenol-d4	14.546	143	82781	20.965	ng/u1	0.00
60) Fluorene-d10	15.345	176	382945	19.445	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	44944	16.428	ng/u1	0.00
73) Anthracene-d10	17.192	188	611217	20.160	ng/u1	0.00
81) Pyrene-d10	19.498	212	650044	19.337	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.404	264	653231	20.532	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	21862	5.973	ng/uL	98
5) Pyridine	3.693	79	143997	14.455	ng/u1	97
6) Benzaldehyde	6.875	77	139658	25.037	ng/u1	97
8) Phenol	6.922	94	224866	18.493	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.152	93	179311	18.668	ng/u1	97
12) 2-Chlorophenol	7.293	128	174948	19.011	ng/u1	97
13) 2-Methylphenol	8.158	108	168576	18.568	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.252	45	238909	19.094	ng/u1	99
16) Acetophenone	8.534	105	264962	18.896	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.522	70	132502	19.291	ng/u1	99
18) 4-Methylphenol	8.481	108	180165	18.503	ng/u1	96
19) Hexachloroethane	8.793	117	75085	19.962	ng/u1	94
22) Nitrobenzene	8.911	77	203855	21.788	ng/u1	99
23) Isophorone	9.428	82	377210	20.500	ng/u1	99
25) 2-Nitrophenol	9.616	139	86926	22.971	ng/u1	99
26) 2,4-Dimethylphenol	9.675	107	192898	19.662	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.916	93	232731	19.824	ng/u1	100
29) 2,4-Dichlorophenol	10.146	162	153337	19.538	ng/u1	98
30) Naphthalene	10.546	128	553841	19.373	ng/u1	100
32) 4-Chloroaniline	10.652	127	232535	18.947	ng/u1	100
33) Hexachlorobutadiene	10.834	225	94935	19.487	ng/u1	98
34) Caprolactam	11.393	113	53275	19.877	ng/u1	99
35) 4-Chloro-3-methylphenol	11.781	107	173454	20.198	ng/u1	99
36) 2-Methylnaphthalene	12.157	142	374463	18.921	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.381	142	375703	18.945	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.534	216	179949	19.555	ng/ul	92
40) Hexachlorocyclopentadiene	12.516	237	94077	18.733	ng/ul	90
41) 2,4,6-Trichlorophenol	12.775	196	113714	21.134	ng/ul	95
42) 2,4,5-Trichlorophenol	12.840	196	123096	20.592	ng/ul	95
43) 1,1'-Biphenyl	13.181	154	472652	19.868	ng/ul	100
44) 2-Chloronaphthalene	13.222	162	370477	19.993	ng/ul	99
45) 2-Nitroaniline	13.422	65	106380	24.675	ng/ul	97
47) Dimethylphthalate	13.810	163	442390	20.191	ng/ul	99
48) 2,6-Dinitrotoluene	13.922	165	84921	23.036	ng/ul	98
50) Acenaphthylene	14.069	152	562222	20.275	ng/ul	99
51) 3-Nitroaniline	14.251	138	102256	24.533	ng/ul	93
52) Acenaphthene	14.416	153	388931	19.937	ng/ul	98
53) 2,4-Dinitrophenol	14.457	184	33677	19.895	ng/ul#	84
55) 4-Nitrophenol	14.557	109	64703	22.471	ng/ul	93
56) Dibenzofuran	14.751	168	546611	19.949	ng/ul	97
57) 2,4-Dinitrotoluene	14.716	165	125482	24.410	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.975	232	91680	20.923	ng/ul	92
59) Diethylphthalate	15.181	149	447996	20.482	ng/ul	96
61) Fluorene	15.404	166	443889	20.465	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.398	204	207144	20.099	ng/ul	96
63) 4-Nitroaniline	15.416	138	102571	26.446	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.481	198	46875	16.954	ng/ul#	96
67) N-Nitrosodiphenylamine	15.610	169	373947	19.463	ng/ul	98
68) 4-Bromophenyl-phenylether	16.292	248	124654	19.549	ng/ul	98
69) Hexachlorobenzene	16.410	284	145917	20.420	ng/ul	96
70) Atrazine	16.563	200	125852	18.825	ng/ul	99
71) Pentachlorophenol	16.745	266	69595	18.616	ng/ul	98
72) Phenanthrene	17.140	178	683615	19.553	ng/ul	99
74) Anthracene	17.228	178	702620	19.576	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.146	216	177058	18.875	ng/uL	98
76) Pentachlorobenzene	14.669	250	179466	19.981	ng/uL	96
77) Carbazole	17.498	167	657477	20.324	ng/ul	99
78) Di-n-butylphthalate	18.075	149	753626	20.465	ng/ul	98
80) Fluoranthene	19.163	202	774329	19.082	ng/ul	99
82) Pyrene	19.528	202	811169	19.179	ng/ul	99
83) Butylbenzylphthalate	20.439	149	322718	21.406	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.216	252	229026	17.341	ng/ul	96
85) Benzo(a)anthracene	21.280	228	779796	19.658	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.222	149	478475	19.818	ng/ul	95
87) Chrysene	21.333	228	728176	18.641	ng/ul	94
89) Di-n-octyl phthalate	22.110	149	863110	21.415	ng/ul	100
90) Benzo(b)fluoranthene	22.874	252	783275	20.183	ng/ul	98
91) Benzo(k)fluoranthene	22.916	252	775966	19.756	ng/ul	99
93) Benzo(a)pyrene	23.451	252	714349	20.251	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.804	276	867466	20.270	ng/ul	99
95) Dibenzo(a,h)anthracene	25.816	278	735385	20.732	ng/ul	96
96) Benzo(g,h,i)perylene	26.498	276	713354	19.283	ng/ul	98

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

