

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020321\
 Data File : BN013550.D
 Acq On : 03 Feb 2021 11:20
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02060

Quant Time: Feb 03 12:02:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012921MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 03 12:01:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	364125	20.00	ng/ul	0.00
18) Naphthalene-d8	10.316	136	1473034	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.193	164	866565	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.945	188	1791547	20.00	ng/ul	0.00
78) Chrysene-d12	21.145	240	1849215	20.00	ng/ul	0.00
86) Perylene-d12	23.316	264	1882653	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	65081	7.68	ng/uL	0.00
5) Phenol-d5	6.734	99	516207	19.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	6.905	67	306769	19.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.093	132	443653	19.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.258	113	408726	18.98	ng/ul	0.00
19) Nitrobenzene-d5	8.699	128	195836	19.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.410	143	202679	19.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.946	165	406092	19.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.457	131	557143	22.78	ng/ul	0.00
44) Dimethylphthalate-d6	13.610	166	1151282	19.83	ng/ul	0.00
47) Acenaphthylene-d8	13.881	160	1559567	20.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.398	143	219455	19.49	ng/ul	0.00
58) Fluorene-d10	15.192	176	1016713	19.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.310	200	172371	17.99	ng/ul	0.00
71) Anthracene-d10	17.039	188	1586001	20.42	ng/ul	0.00
79) Pyrene-d10	19.345	212	1699217	19.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.180	264	1828946	19.90	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.193	88	69536	8.11	ng/uL	98
4) Benzaldehyde	6.711	77	314083	22.84	ng/ul	95
6) Phenol	6.763	94	555747	19.36	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.993	93	440115	19.64	ng/ul	100
10) 2-Chlorophenol	7.128	128	466811	19.49	ng/ul	98
11) 2-Methylphenol	7.993	108	414088	19.38	ng/ul	98
12) 2,2'-oxybis(1-Chloropr...	8.087	45	636380	19.76	ng/ul	99
14) Acetophenone	8.369	105	677658	19.90	ng/ul	99
15) N-Nitroso-di-n-propyla...	8.358	70	305437	19.36	ng/ul	98
16) 4-Methylphenol	8.316	108	453960	19.40	ng/ul	99
17) Hexachloroethane	8.622	117	185651	19.71	ng/ul	95
20) Nitrobenzene	8.740	77	463176	19.91	ng/ul	99
21) Isophorone	9.257	82	811796	19.89	ng/ul	100
23) 2-Nitrophenol	9.446	139	238004	20.09	ng/ul	98
24) 2,4-Dimethylphenol	9.510	107	488758	20.12	ng/ul	99
25) Bis(2-Chloroethoxy)met...	9.746	93	558180	19.41	ng/ul	99
27) 2,4-Dichlorophenol	9.969	162	415956	19.93	ng/ul	97
28) Naphthalene	10.369	128	1511380	20.00	ng/ul	99
30) 4-Chloroaniline	10.481	127	573270	22.87	ng/ul	99
31) Hexachlorobutadiene	10.663	225	255754	19.96	ng/ul	94
32) Caprolactam	11.228	113	113098	18.15	ng/ul	94
33) 4-Chloro-3-methylphenol	11.610	107	427726	20.10	ng/ul	98
34) 2-Methylnaphthalene	11.987	142	1039103	19.68	ng/ul	97
35) 1-Methylnaphthalene	12.210	142	997142	19.55	ng/ul	99
37) 1,2,4,5-Tetrachloroben...	12.363	216	482095	19.79	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.351	237	282455	18.94	ng/ul	99
39) 2,4,6-Trichlorophenol	12.610	196	300210	20.34	ng/ul	95
40) 2,4,5-Trichlorophenol	12.681	196	334722	20.17	ng/ul	97
41) 1,1'-Biphenyl	13.022	154	1295122	19.75	ng/ul	98
42) 2-Chloronaphthalene	13.057	162	1025692	20.21	ng/ul	98
43) 2-Nitroaniline	13.263	65	241921	20.22	ng/ul	95
45) Dimethylphthalate	13.657	163	1211161	20.07	ng/ul	99
46) 2,6-Dinitrotoluene	13.769	165	231200	20.15	ng/ul	98
48) Acenaphthylene	13.910	152	1515374	20.29	ng/ul	99
49) 3-Nitroaniline	14.098	138	248298	21.49	ng/ul	98
50) Acenaphthene	14.257	153	1085241	20.08	ng/ul	98
51) 2,4-Dinitrophenol	14.304	184	109647	16.79	ng/ul	99
53) 4-Nitrophenol	14.410	109	164502	19.90	ng/ul	95
54) Dibenzofuran	14.592	168	1506414	20.07	ng/ul	99
55) 2,4-Dinitrotoluene	14.563	165	350342	20.76	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.822	232	271064	20.80	ng/ul	97
57) Diethylphthalate	15.034	149	1196194	20.17	ng/ul	99
59) Fluorene	15.245	166	1212013	20.16	ng/ul	98
60) 4-Chlorophenyl-phenyle...	15.251	204	572893	20.02	ng/ul	94
61) 4-Nitroaniline	15.263	138	275799	21.27	ng/ul	99
64) 4,6-Dinitro-2-methylph...	15.328	198	183014	18.48	ng/ul	98
65) N-Nitrosodiphenylamine	15.463	169	1053195	20.36	ng/ul	99
66) 4-Bromophenyl-phenylether	16.145	248	342680	19.88	ng/ul	97
67) Hexachlorobenzene	16.251	284	395897	20.04	ng/ul	98
68) Atrazine	16.422	200	339247	19.38	ng/ul	99
69) Pentachlorophenol	16.592	266	207323	18.54	ng/ul	98
70) Phenanthrene	16.986	178	1931813	20.09	ng/ul	99
72) Anthracene	17.075	178	1975325	20.30	ng/ul	98
73) 1,2,3,4-Tetrachloroben...	12.981	216	493091	19.80	ng/uL	99
74) Pentachlorobenzene	14.516	250	475829	19.69	ng/uL	99
75) Carbazole	17.345	167	1768007	20.86	ng/ul	99
76) Di-n-butylphthalate	17.928	149	1936476	20.37	ng/ul	100
77) Fluoranthene	19.010	202	2119639	20.77	ng/ul	99
80) Pyrene	19.375	202	2231601	19.17	ng/ul	99
81) Butylbenzylphthalate	20.298	149	809597	19.58	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.075	252	681402	20.64	ng/ul	98
83) Benzo(a)anthracene	21.133	228	2184104	19.66	ng/ul	99
84) Bis(2-ethylhexyl)phtha...	21.086	149	1311374	20.27	ng/ul	99
85) Chrysene	21.186	228	2149045	19.52	ng/ul	97
87) Di-n-octyl phthalate	21.945	149	2173507	19.70	ng/ul	100
88) Benzo(b)fluoranthene	22.669	252	2249040	19.78	ng/ul	99
89) Benzo(k)fluoranthene	22.716	252	2185978	19.78	ng/ul	98
91) Benzo(a)pyrene	23.221	252	1992615	19.98	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.474	276	2581623	20.19	ng/ul	100
93) Dibenzo(a,h)anthracene	25.492	278	2147933	19.94	ng/ul	97
94) Benzo(g,h,i)perylene	26.127	276	2134169	19.83	ng/ul	98

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

