

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011921\
 Data File : BM028451.D
 Acq On : 19 Jan 2021 09:39
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC020

Quant Time: Jan 19 14:05:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM011921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 19 14:03:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	31894	20.00	ng/ul	0.00
20) Naphthalene-d8	10.904	136	125211	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.721	164	68549	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	129754	20.00	ng/ul	0.00
79) Chrysene-d12	21.568	240	112037	20.00	ng/ul	0.00
88) Perylene-d12	23.880	264	108041	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	6468	8.51	ng/uL	0.00
4) Pyridine-d5	3.781	84	44848	20.64	ng/ul	0.00
7) Phenol-d5	7.228	99	53995	20.21	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.398	67	34643	20.51	ng/ul	0.00
11) 2-Chlorophenol-d4	7.604	132	47342	20.74	ng/ul	0.00
15) 4-Methylphenol-d8	8.792	113	44048	20.28	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	21693	21.18	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	23651	21.44	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	43538	21.00	ng/ul	0.00
31) 4-Chloroaniline-d4	11.033	131	56470	20.37	ng/ul	0.00
46) Dimethylphthalate-d6	14.121	166	116220	21.15	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	143001	21.37	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	19746	20.47	ng/ul	0.00
60) Fluorene-d10	15.704	176	97014	20.99	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.821	200	16001	19.19	ng/ul	0.00
73) Anthracene-d10	17.545	188	136696	21.19	ng/ul	0.00
81) Pyrene-d10	19.809	212	136667	21.47	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	129125	21.76	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	6577	8.09	ng/uL	96
5) Pyridine	3.804	79	45161	20.73	ng/ul	99
6) Benzaldehyde	7.210	77	17114	15.99	ng/ul	100
8) Phenol	7.257	94	54804	20.25	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.498	93	45741	20.32	ng/ul	98
12) 2-Chlorophenol	7.640	128	48410	20.89	ng/ul	99
13) 2-Methylphenol	8.528	108	41675	20.21	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.616	45	79628	20.66	ng/ul	98
16) Acetophenone	8.916	105	66235	19.91	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.898	70	34008	20.68	ng/ul	97
18) 4-Methylphenol	8.857	108	44593	20.22	ng/ul	99
19) Hexachloroethane	9.169	117	21271	20.81	ng/ul	97
22) Nitrobenzene	9.298	77	53032	21.05	ng/ul	98
23) Isophorone	9.828	82	92018	20.98	ng/ul	98
25) 2-Nitrophenol	10.010	139	25391	21.25	ng/ul	98
26) 2,4-Dimethylphenol	10.063	107	49567	21.10	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.304	93	59371	20.81	ng/ul	99
29) 2,4-Dichlorophenol	10.545	162	42879	21.37	ng/ul	99
30) Naphthalene	10.951	128	149522	20.90	ng/ul	99
32) 4-Chloroaniline	11.057	127	54485	20.20	ng/ul	99
33) Hexachlorobutadiene	11.228	225	28505	20.96	ng/ul	97
34) Caprolactam	11.833	113	11781	19.97	ng/ul	97
35) 4-Chloro-3-methylphenol	12.169	107	42979	20.99	ng/ul	98
36) 2-Methylnaphthalene	12.557	142	100341	20.82	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.774	142	96624	20.83	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.922	216	49730	21.12	ng/ul	99
40) Hexachlorocyclopentadiene	12.892	237	23300	19.23	ng/ul	100
41) 2,4,6-Trichlorophenol	13.157	196	31639	21.49	ng/ul	99
42) 2,4,5-Trichlorophenol	13.227	196	33279	21.04	ng/ul	98
43) 1,1'-Biphenyl	13.557	154	125496	20.91	ng/ul	100
44) 2-Chloronaphthalene	13.604	162	98986	21.17	ng/ul	98
45) 2-Nitroaniline	13.804	65	27448	21.27	ng/ul	95
47) Dimethylphthalate	14.169	163	118711	21.10	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	23336	20.99	ng/ul	97
50) Acenaphthylene	14.445	152	145968	21.33	ng/ul	99
51) 3-Nitroaniline	14.621	138	18281	18.08	ng/ul	97
52) Acenaphthene	14.780	153	104442	21.17	ng/ul	99
53) 2,4-Dinitrophenol	14.833	184	11059	18.20	ng/ul	98
55) 4-Nitrophenol	14.921	109	15819	20.55	ng/ul	96
56) Dibenzofuran	15.116	168	138115	20.90	ng/ul	98
57) 2,4-Dinitrotoluene	15.080	165	31952	21.34	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.339	232	27178	21.14	ng/ul	98
59) Diethylphthalate	15.521	149	121626	21.01	ng/ul	99
61) Fluorene	15.763	166	115308	20.97	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.751	204	56878	20.74	ng/ul	98
63) 4-Nitroaniline	15.774	138	11560	13.12	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.839	198	17427	19.47	ng/ul#	99
67) N-Nitrosodiphenylamine	15.963	169	93189	21.36	ng/ul	98
68) 4-Bromophenyl-phenylether	16.639	248	32937	20.85	ng/ul	99
69) Hexachlorobenzene	16.757	284	38156	21.31	ng/ul	98
70) Atrazine	16.898	200	33673	20.86	ng/ul	99
71) Pentachlorophenol	17.098	266	20036	19.79	ng/ul	96
72) Phenanthrene	17.486	178	167365	21.06	ng/ul	99
74) Anthracene	17.580	178	172182	21.32	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.521	216	48673	21.87	ng/uL	98
76) Pentachlorobenzene	15.033	250	46405	21.32	ng/uL	98
77) Carbazole	17.845	167	141541	20.71	ng/ul	99
78) Di-n-butylphthalate	18.386	149	201464	21.38	ng/ul	100
80) Fluoranthene	19.480	202	180822	21.46	ng/ul	99
82) Pyrene	19.839	202	184987	21.42	ng/ul	100
83) Butylbenzylphthalate	20.709	149	83874	21.42	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.480	252	48583	21.06	ng/ul	96
85) Benzo(a)anthracene	21.556	228	162662	21.23	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	130265	21.48	ng/ul	99
87) Chrysene	21.603	228	159839	21.44	ng/ul	100
89) Di-n-octyl phthalate	22.362	149	209030	20.56	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	159313	21.52	ng/ul	99
91) Benzo(k)fluoranthene	23.227	252	156824	21.72	ng/ul	100
93) Benzo(a)pyrene	23.780	252	145661	21.74	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.244	276	174575	22.06	ng/ul	99
95) Dibenzo(a,h)anthracene	26.250	278	148080	22.01	ng/ul	98
96) Benzo(g,h,i)perylene	26.974	276	147203	22.07	ng/ul	99

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

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