

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012521\
 Data File : BM028535.D
 Acq On : 25 Jan 2021 18:43
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020019

Quant Time: Jan 25 19:19:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM011921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 25 12:52:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	27511	20.00	ng/ul	0.00
20) Naphthalene-d8	10.810	136	110087	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.639	164	63172	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.362	188	125991	20.00	ng/ul	0.00
79) Chrysene-d12	21.497	240	122862	20.00	ng/ul	0.00
88) Perylene-d12	23.768	264	121986	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	5403	8.24	ng/uL	0.00
4) Pyridine-d5	3.722	84	38736	20.67	ng/ul	0.00
7) Phenol-d5	7.145	99	47538	20.63	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.316	67	29119	19.99	ng/ul	0.00
11) 2-Chlorophenol-d4	7.516	132	41534	21.09	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	39281	20.97	ng/ul	0.00
21) Nitrobenzene-d5	9.163	128	19374	21.51	ng/ul	0.00
24) 2-Nitrophenol-d4	9.886	143	21582	22.25	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	38963	21.38	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	53975	22.15	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	105115	20.76	ng/ul	0.00
49) Acenaphthylene-d8	14.333	160	131035	21.25	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	19741	22.21	ng/ul	0.00
60) Fluorene-d10	15.621	176	89961	21.12	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	17510	21.63	ng/ul	0.00
73) Anthracene-d10	17.462	188	134483	21.47	ng/ul	0.00
81) Pyrene-d10	19.733	212	141195	20.23	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.627	264	146613	21.88	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	5685	8.10	ng/uL	94
5) Pyridine	3.740	79	38708	20.60	ng/ul	97
6) Benzaldehyde	7.122	77	14794	16.02	ng/ul	99
8) Phenol	7.175	94	47985	20.56	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.410	93	39376	20.28	ng/ul	97
12) 2-Chlorophenol	7.551	128	41956	20.99	ng/ul	96
13) 2-Methylphenol	8.439	108	37360	21.01	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.522	45	63044	18.96	ng/ul#	97
16) Acetophenone	8.828	105	59144	20.62	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.810	70	29295	20.65	ng/ul	91
18) 4-Methylphenol	8.769	108	39828	20.94	ng/ul	98
19) Hexachloroethane	9.075	117	18026	20.44	ng/ul	96
22) Nitrobenzene	9.210	77	45671	20.62	ng/ul	96
23) Isophorone	9.733	82	81550	21.15	ng/ul	99
25) 2-Nitrophenol	9.922	139	23470	22.34	ng/ul	94
26) 2,4-Dimethylphenol	9.975	107	43938	21.28	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.216	93	51943	20.70	ng/ul	98
29) 2,4-Dichlorophenol	10.451	162	38020	21.56	ng/ul	100
30) Naphthalene	10.857	128	132472	21.06	ng/ul	100
32) 4-Chloroaniline	10.969	127	52455	22.12	ng/ul	98
33) Hexachlorobutadiene	11.133	225	24610	20.58	ng/ul	100
34) Caprolactam	11.745	113	11766	22.69	ng/ul	99
35) 4-Chloro-3-methylphenol	12.086	107	39411	21.89	ng/ul	99
36) 2-Methylnaphthalene	12.463	142	90982	21.48	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.680	142	86444	21.20	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.827	216	44554	20.53	ng/ul	98
40) Hexachlorocyclopentadiene	12.804	237	19741	17.68	ng/ul	98
41) 2,4,6-Trichlorophenol	13.069	196	28794	21.23	ng/ul	95
42) 2,4,5-Trichlorophenol	13.139	196	30925	21.22	ng/ul	97
43) 1,1'-Biphenyl	13.469	154	114461	20.70	ng/ul	100
44) 2-Chloronaphthalene	13.516	162	89560	20.79	ng/ul	99
45) 2-Nitroaniline	13.721	65	25373	21.33	ng/ul	90
47) Dimethylphthalate	14.086	163	108253	20.88	ng/ul	98
48) 2,6-Dinitrotoluene	14.216	165	22559	22.02	ng/ul	95
50) Acenaphthylene	14.357	152	135218	21.44	ng/ul	100
51) 3-Nitroaniline	14.539	138	17523	18.81	ng/ul	99
52) Acenaphthene	14.698	153	95688	21.05	ng/ul	97
53) 2,4-Dinitrophenol	14.757	184	11649	20.80	ng/ul	92
55) 4-Nitrophenol	14.845	109	15147	21.36	ng/ul	91
56) Dibenzofuran	15.033	168	128684	21.13	ng/ul	99
57) 2,4-Dinitrotoluene	14.998	165	31594	22.90	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.257	232	25399	21.44	ng/ul	98
59) Diethylphthalate	15.445	149	108523	20.34	ng/ul	100
61) Fluorene	15.680	166	108378	21.39	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.668	204	52313	20.70	ng/ul	97
63) 4-Nitroaniline	15.698	138	13558	16.69	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.762	198	18693	21.51	ng/ul	95
67) N-Nitrosodiphenylamine	15.880	169	89124	21.03	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	31458	20.50	ng/ul	98
69) Hexachlorobenzene	16.674	284	35766	20.57	ng/ul	98
70) Atrazine	16.821	200	31805	20.29	ng/ul	100
71) Pentachlorophenol	17.015	266	19822	20.16	ng/ul	94
72) Phenanthrene	17.404	178	164372	21.31	ng/ul	100
74) Anthracene	17.498	178	170321	21.72	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.439	216	43579	20.16	ng/uL	99
76) Pentachlorobenzene	14.951	250	42579	20.15	ng/uL	98
77) Carbazole	17.762	167	145747	21.96	ng/ul	100
78) Di-n-butylphthalate	18.309	149	185873	20.31	ng/ul	100
80) Fluoranthene	19.403	202	184374	19.95	ng/ul	100
82) Pyrene	19.762	202	190526	20.12	ng/ul	99
83) Butylbenzylphthalate	20.639	149	83642	19.48	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.415	252	52722	20.84	ng/ul	98
85) Benzo(a)anthracene	21.486	228	177068	21.08	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.397	149	124392	18.71	ng/ul	100
87) Chrysene	21.533	228	171735	21.00	ng/ul	100
89) Di-n-octyl phthalate	22.280	149	212615	18.53	ng/ul	100
90) Benzo(b)fluoranthene	23.086	252	182307	21.81	ng/ul	99
91) Benzo(k)fluoranthene	23.133	252	171734	21.07	ng/ul	98
93) Benzo(a)pyrene	23.674	252	164196	21.70	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.085	276	198548	22.22	ng/ul	98
95) Dibenzo(a,h)anthracene	26.091	278	168880	22.23	ng/ul	98
96) Benzo(g,h,i)perylene	26.791	276	166949	22.17	ng/ul	98

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

