

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052621\
 Data File : BM030190.D
 Acq On : 27 May 2021 05:11
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020019

Manual Integrations
 APPROVED

Sohil
 5/27/2021 10:34:09 AM

Quant Time: May 27 06:08:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 26 15:30:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	339401	20.00	ng/ul	0.00
20) Naphthalene-d8	10.669	136	1515422	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	1055832	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	2226378	20.00	ng/ul	0.00
79) Chrysene-d12	21.386	240	2047855	20.00	ng/ul	0.00
88) Perylene-d12	23.680	264	1720049	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	60337	7.28	ng/uL	0.00
4) Pyridine-d5	3.752	84	423843	18.23	ng/ul	0.00
7) Phenol-d5	7.028	99	564932	18.93	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	356664	18.93	ng/ul	0.00
11) 2-Chlorophenol-d4	7.405	132	442330	19.79	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	463331	19.55	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	209852	21.22	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	210855	22.38	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	480998	19.79	ng/ul	0.00
31) 4-Chloroaniline-d4	10.798	131	672452	18.63	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	1502000	18.61	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	1918572	18.44	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	263240	20.18	ng/ul	0.00
60) Fluorene-d10	15.486	176	1300638	18.46	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	214624	19.89	ng/ul	0.00
73) Anthracene-d10	17.327	188	2013254	18.27	ng/ul	0.00
81) Pyrene-d10	19.610	212	2216614	20.19	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.533	264	1817669	18.64	ng/ul	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	64341	7.21	ng/uL	97
5) Pyridine	3.769	79	444327	18.61	ng/ul	98
6) Benzaldehyde	7.016	77	372378	23.39	ng/ul	97
8) Phenol	7.058	94	576803	19.03	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.299	93	464599	19.09	ng/ul	97
12) 2-Chlorophenol	7.440	128	449895	19.65	ng/ul	99
13) 2-Methylphenol	8.310	108	440678	19.23	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.404	45	763273	18.88	ng/ul	99
16) Acetophenone	8.693	105	744079	19.43	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.681	70	403323	19.96	ng/ul	99
18) 4-Methylphenol	8.634	108	487638	19.76	ng/ul	96
19) Hexachloroethane	8.957	117	184524	18.83	ng/ul	95
22) Nitrobenzene	9.069	77	538890	20.12	ng/ul	99
23) Isophorone	9.599	82	1073679	19.02	ng/ul	100
25) 2-Nitrophenol	9.781	139	239223	22.49	ng/ul	99
26) 2,4-Dimethylphenol	9.834	107	542202	19.16	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.075	93	656672	18.97	ng/ul	99
29) 2,4-Dichlorophenol	10.310	162	466794	19.90	ng/ul	100
30) Naphthalene	10.716	128	1537293	18.49	ng/ul	100
32) 4-Chloroaniline	10.822	127	694982	18.60	ng/ul	100
33) Hexachlorobutadiene	11.004	225	291942	18.26	ng/ul	99
34) Caprolactam	11.593	113	146828m	20.49	ng/ul	
35) 4-Chloro-3-methylphenol	11.934	107	498203	20.26	ng/ul	98
36) 2-Methylnaphthalene	12.322	142	1164180	18.73	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	1151306	19.05	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.692	216	618480	18.05	ng/ul	98
40) Hexachlorocyclopentadiene	12.675	237	392506	16.35	ng/ul	98
41) 2,4,6-Trichlorophenol	12.928	196	383382	19.94	ng/ul	97
42) 2,4,5-Trichlorophenol	12.998	196	421044	20.24	ng/ul	99
43) 1,1'-Biphenyl	13.334	154	1523490	18.09	ng/ul	100
44) 2-Chloronaphthalene	13.375	162	1160258	17.92	ng/ul	99
45) 2-Nitroaniline	13.575	65	327383	22.02	ng/ul	95
47) Dimethylphthalate	13.951	163	1493542	18.73	ng/ul	100
48) 2,6-Dinitrotoluene	14.069	165	287309	22.61	ng/ul	94
50) Acenaphthylene	14.222	152	1839255	18.30	ng/ul	99
51) 3-Nitroaniline	14.398	138	312275	21.08	ng/ul#	93
52) Acenaphthene	14.563	153	1296248	18.26	ng/ul	99
53) 2,4-Dinitrophenol	14.598	184	225418	28.25	ng/ul	97
55) 4-Nitrophenol	14.692	109	320382	22.37	ng/ul	99
56) Dibenzofuran	14.892	168	1783086	18.15	ng/ul	99
57) 2,4-Dinitrotoluene	14.851	165	409844	22.24	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.116	232	364462	20.75	ng/ul	99
59) Diethylphthalate	15.316	149	1518690	18.80	ng/ul	99
61) Fluorene	15.539	166	1530156	18.36	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.533	204	747137	18.28	ng/ul	99
63) 4-Nitroaniline	15.557	138	334890	21.99	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.610	198	220524	19.81	ng/ul	99
67) N-Nitrosodiphenylamine	15.745	169	1334021	18.37	ng/ul	99
68) 4-Bromophenyl-phenylether	16.427	248	464134	18.52	ng/ul	98
69) Hexachlorobenzene	16.539	284	518064	18.09	ng/ul	98
70) Atrazine	16.692	200	471013	18.08	ng/ul	99
71) Pentachlorophenol	16.880	266	382669	21.88	ng/ul	98
72) Phenanthrene	17.275	178	2391081	18.33	ng/ul	99
74) Anthracene	17.363	178	2458547	18.37	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	651491	17.94	ng/uL	98
76) Pentachlorobenzene	14.816	250	606393	18.00	ng/uL	98
77) Carbazole	17.627	167	2198027	18.12	ng/ul	100
78) Di-n-butylphthalate	18.192	149	2584676	19.19	ng/ul	100
80) Fluoranthene	19.280	202	2729078	20.34	ng/ul	97
82) Pyrene	19.639	202	2832576	20.20	ng/ul	99
83) Butylbenzylphthalate	20.527	149	1018694	21.28	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.304	252	824405	19.01	ng/ul	98
85) Benzo(a)anthracene	21.374	228	2505968	18.57	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.298	149	1502871	19.57	ng/ul	99
87) Chrysene	21.421	228	2407430	18.33	ng/ul	100
89) Di-n-octyl phthalate	22.186	149	2280371	20.62	ng/ul	100
90) Benzo(b)fluoranthene	22.986	252	2246402	19.49	ng/ul	100
91) Benzo(k)fluoranthene	23.033	252	2153326	18.94	ng/ul	99
93) Benzo(a)pyrene	23.580	252	1918818	18.86	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.015	276	2242446	17.60	ng/ul	100
95) Dibenzo(a,h)anthracene	26.027	278	1882932	17.67	ng/ul	99
96) Benzo(g,h,i)perylene	26.733	276	1791566	17.21	ng/ul	99

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

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