

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060821\
 Data File : BM030314.D
 Acq On : 08 Jun 2021 08:20
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020021

Quant Time: Jun 08 09:51:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 08 09:51:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	212494	20.000	ng/u1	0.00
20) Naphthalene-d8	10.639	136	899139	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.474	164	568180	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.209	188	1110576	20.000	ng/u1	0.00
79) Chrysene-d12	21.368	240	1069838	20.000	ng/u1	0.00
88) Perylene-d12	23.656	264	1061935	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	41252	7.413	ng/uL	0.00
4) Pyridine-d5	3.728	84	272768	18.654	ng/u1	0.00
7) Phenol-d5	7.004	99	339921	18.406	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	228119	19.138	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	274276	20.535	ng/u1	0.00
15) 4-Methylphenol-d8	8.545	113	270567	18.344	ng/u1	0.00
21) Nitrobenzene-d5	9.004	128	126168	20.499	ng/u1	0.00
24) 2-Nitrophenol-d4	9.722	143	125556	20.540	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	274146	20.589	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	376649	18.504	ng/u1	0.00
46) Dimethylphthalate-d6	13.880	166	767264	19.678	ng/u1	0.00
49) Acenaphthylene-d8	14.168	160	996109	20.449	ng/u1	0.00
54) 4-Nitrophenol-d4	14.651	143	130369	17.863	ng/u1	0.00
60) Fluorene-d10	15.462	176	691373	19.806	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.574	200	111340	17.368	ng/u1	0.00
73) Anthracene-d10	17.303	188	1022269	20.238	ng/u1	0.00
81) Pyrene-d10	19.592	212	1087526	19.422	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.509	264	1069817	20.203	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.351	88	43770	7.760	ng/uL	98
5) Pyridine	3.746	79	288216	18.670	ng/u1	96
6) Benzaldehyde	6.992	77	175069	20.226	ng/u1	94
8) Phenol	7.034	94	348781	18.646	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.269	93	289276	19.156	ng/u1	98
12) 2-Chlorophenol	7.410	128	282203	20.481	ng/u1	99
13) 2-Methylphenol	8.281	108	252030	18.119	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.375	45	461818	18.986	ng/u1	100
16) Acetophenone	8.669	105	432643	18.552	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.651	70	222536	19.632	ng/u1	99
18) 4-Methylphenol	8.610	108	283626	18.492	ng/u1	97
19) Hexachloroethane	8.928	117	115394	19.793	ng/u1	96
22) Nitrobenzene	9.045	77	318501	20.158	ng/u1	99
23) Isophorone	9.569	82	571504	19.782	ng/u1	99
25) 2-Nitrophenol	9.751	139	142858	21.097	ng/u1	97
26) 2,4-Dimethylphenol	9.810	107	312209	20.366	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.051	93	385187	20.026	ng/u1	98
29) 2,4-Dichlorophenol	10.280	162	266467	20.551	ng/u1	98
30) Naphthalene	10.692	128	907901	19.920	ng/u1	99
32) 4-Chloroaniline	10.792	127	381954	18.747	ng/u1	97
33) Hexachlorobutadiene	10.974	225	171556	20.790	ng/u1	99
34) Caprolactam	11.563	113	65883	15.869	ng/u1	94
35) 4-Chloro-3-methylphenol	11.910	107	263050	19.935	ng/u1	100
36) 2-Methylnaphthalene	12.298	142	646476	19.938	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.516	142	657555	19.980	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.668	216	340728	20.627	ng/ul	98
40) Hexachlorocyclopentadiene	12.651	237	195242	18.706	ng/ul	98
41) 2,4,6-Trichlorophenol	12.904	196	205560	20.713	ng/ul	99
42) 2,4,5-Trichlorophenol	12.968	196	225479	20.858	ng/ul	98
43) 1,1'-Biphenyl	13.310	154	836398	20.204	ng/ul	100
44) 2-Chloronaphthalene	13.351	162	647757	20.276	ng/ul	100
45) 2-Nitroaniline	13.551	65	158174	19.805	ng/ul	98
47) Dimethylphthalate	13.927	163	751020	19.717	ng/ul	100
48) 2,6-Dinitrotoluene	14.045	165	137382	20.127	ng/ul	97
50) Acenaphthylene	14.198	152	944982	20.310	ng/ul	99
51) 3-Nitroaniline	14.374	138	139629	17.942	ng/ul	100
52) Acenaphthene	14.539	153	686989	19.874	ng/ul	99
53) 2,4-Dinitrophenol	14.574	184	72422	15.899	ng/ul	99
55) 4-Nitrophenol	14.668	109	105054	18.372	ng/ul	96
56) Dibenzofuran	14.868	168	957255	19.905	ng/ul	100
57) 2,4-Dinitrotoluene	14.827	165	198290	20.540	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.092	232	179580	20.752	ng/ul	98
59) Diethylphthalate	15.292	149	737424	19.618	ng/ul	98
61) Fluorene	15.521	166	798739	19.782	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.509	204	387519	19.929	ng/ul	99
63) 4-Nitroaniline	15.527	138	128859	17.683	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.586	198	111403	17.526	ng/ul	95
67) N-Nitrosodiphenylamine	15.721	169	658587	20.131	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	216929	20.082	ng/ul	97
69) Hexachlorobenzene	16.521	284	247329	20.144	ng/ul	96
70) Atrazine	16.668	200	213686	18.200	ng/ul	97
71) Pentachlorophenol	16.856	266	134141	17.829	ng/ul	98
72) Phenanthrene	17.251	178	1194796	19.897	ng/ul	100
74) Anthracene	17.339	178	1218382	20.104	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.274	216	331361	20.736	ng/uL	99
76) Pentachlorobenzene	14.792	250	318034	20.666	ng/uL	99
77) Carbazole	17.609	167	1040468	19.330	ng/ul	98
78) Di-n-butylphthalate	18.168	149	1116629	19.809	ng/ul	99
80) Fluoranthene	19.256	202	1338484	19.453	ng/ul	99
82) Pyrene	19.621	202	1415913	19.459	ng/ul	98
83) Butylbenzylphthalate	20.509	149	433971	19.002	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.286	252	363817	18.805	ng/ul	99
85) Benzo(a)anthracene	21.356	228	1318124	20.391	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	660376	19.061	ng/ul	98
87) Chrysene	21.409	228	1290269	20.243	ng/ul	100
89) Di-n-octyl phthalate	22.174	149	1116198	16.319	ng/ul	100
90) Benzo(b)fluoranthene	22.962	252	1325223	19.414	ng/ul	98
91) Benzo(k)fluoranthene	23.009	252	1299027	19.923	ng/ul	99
93) Benzo(a)pyrene	23.556	252	1196213	20.049	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.973	276	1498185	20.403	ng/ul	97
95) Dibenzo(a,h)anthracene	25.985	278	1245147	20.140	ng/ul	99
96) Benzo(g,h,i)perylene	26.685	276	1238862	20.531	ng/ul	99

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

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