

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060721\
 Data File : BM030305.D
 Acq On : 07 Jun 2021 09:13
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020019

Manual Integrations
 APPROVED

mohammad
 6/8/2021 3:38:01 PM

Quant Time: Jun 07 09:56:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 07 09:55:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	198747	20.000	ng/u1	0.00
20) Naphthalene-d8	10.639	136	835922	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.474	164	566320	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	1220260	20.000	ng/u1	0.00
79) Chrysene-d12	21.368	240	1266642	20.000	ng/u1	0.00
88) Perylene-d12	23.650	264	1148490	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	39444	7.578	ng/uL	0.00
4) Pyridine-d5	3.728	84	243550	17.808	ng/u1	0.00
7) Phenol-d5	7.004	99	306075	17.719	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	199656	17.909	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	248861	19.921	ng/u1	0.00
15) 4-Methylphenol-d8	8.545	113	247843	17.965	ng/u1	0.00
21) Nitrobenzene-d5	9.004	128	116469	20.355	ng/u1	0.00
24) 2-Nitrophenol-d4	9.728	143	118153	20.791	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	262939	21.241	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	362290	19.144	ng/u1	0.00
46) Dimethylphthalate-d6	13.880	166	811415	20.878	ng/u1	0.00
49) Acenaphthylene-d8	14.169	160	1003804	20.675	ng/u1	0.00
54) 4-Nitrophenol-d4	14.657	143	143251	19.692	ng/u1	0.00
60) Fluorene-d10	15.463	176	714176	20.526	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.574	200	127908	18.159	ng/u1	0.00
73) Anthracene-d10	17.310	188	1124003	20.252	ng/u1	0.00
81) Pyrene-d10	19.592	212	1274394	19.223	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.503	264	1163557	20.317	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	40842	7.742	ng/uL	98
5) Pyridine	3.752	79	249874	17.306	ng/u1	99
6) Benzaldehyde	6.993	77	155975	19.267	ng/u1	94
8) Phenol	7.034	94	309969	17.717	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.275	93	256759	18.178	ng/u1	98
12) 2-Chlorophenol	7.416	128	256510	19.904	ng/u1	99
13) 2-Methylphenol	8.281	108	233368	17.938	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.375	45	398123	17.499	ng/u1	98
16) Acetophenone	8.669	105	394744	18.097	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.651	70	204609	19.299	ng/u1	98
18) 4-Methylphenol	8.610	108	257176	17.927	ng/u1	98
19) Hexachloroethane	8.934	117	106413	19.515	ng/u1	93
22) Nitrobenzene	9.045	77	286564	19.509	ng/u1	98
23) Isophorone	9.569	82	536863	19.989	ng/u1	100
25) 2-Nitrophenol	9.757	139	134134	21.307	ng/u1	94
26) 2,4-Dimethylphenol	9.810	107	287961	20.205	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.051	93	353146	19.749	ng/u1	99
29) 2,4-Dichlorophenol	10.286	162	254430	21.107	ng/u1	98
30) Naphthalene	10.692	128	832850	19.656	ng/u1	100
32) 4-Chloroaniline	10.798	127	365020	19.271	ng/u1	97
33) Hexachlorobutadiene	10.981	225	166874	21.752	ng/u1	95
34) Caprolactam	11.563	113	72465m	18.774	ng/u1	
35) 4-Chloro-3-methylphenol	11.910	107	250897	20.452	ng/u1	99
36) 2-Methylnaphthalene	12.298	142	613131	20.340	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.522	142	623160	20.367	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.669	216	337479	20.498	ng/ul	99
40) Hexachlorocyclopentadiene	12.651	237	196764	18.913	ng/ul	98
41) 2,4,6-Trichlorophenol	12.904	196	207014	20.929	ng/ul	98
42) 2,4,5-Trichlorophenol	12.969	196	229206	21.272	ng/ul	99
43) 1,1'-Biphenyl	13.310	154	810632	19.646	ng/ul	99
44) 2-Chloronaphthalene	13.351	162	627023	19.691	ng/ul	99
45) 2-Nitroaniline	13.551	65	155257	19.504	ng/ul	99
47) Dimethylphthalate	13.927	163	795895	20.963	ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	145777	21.427	ng/ul	92
50) Acenaphthylene	14.198	152	940566	20.282	ng/ul	99
51) 3-Nitroaniline	14.374	138	141563	18.250	ng/ul	96
52) Acenaphthene	14.539	153	675802	19.615	ng/ul	99
53) 2,4-Dinitrophenol	14.574	184	82533	18.178	ng/ul	97
55) 4-Nitrophenol	14.669	109	110162	19.329	ng/ul	94
56) Dibenzofuran	14.869	168	963630	20.103	ng/ul	100
57) 2,4-Dinitrotoluene	14.827	165	213172	22.154	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.092	232	193558	22.441	ng/ul	98
59) Diethylphthalate	15.292	149	801135	21.383	ng/ul	99
61) Fluorene	15.521	166	816183	20.280	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.516	204	409755	21.142	ng/ul	99
63) 4-Nitroaniline	15.533	138	139140	19.157	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.592	198	129305	18.514	ng/ul	98
67) N-Nitrosodiphenylamine	15.721	169	700983	19.501	ng/ul	100
68) 4-Bromophenyl-phenylether	16.404	248	239154	20.149	ng/ul	97
69) Hexachlorobenzene	16.521	284	277321	20.557	ng/ul	96
70) Atrazine	16.668	200	252910	19.604	ng/ul	99
71) Pentachlorophenol	16.857	266	157638	19.069	ng/ul	97
72) Phenanthrene	17.251	178	1297036	19.658	ng/ul	99
74) Anthracene	17.345	178	1339603	20.117	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.275	216	336105	19.143	ng/ul	98
76) Pentachlorobenzene	14.792	250	332613	19.670	ng/ul	99
77) Carbazole	17.610	167	1157883	19.578	ng/ul	99
78) Di-n-butylphthalate	18.168	149	1308666	21.129	ng/ul	100
80) Fluoranthene	19.256	202	1546366	18.982	ng/ul	99
82) Pyrene	19.621	202	1632494	18.949	ng/ul	95
83) Butylbenzylphthalate	20.509	149	536680	19.848	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.286	252	468956	20.473	ng/ul	97
85) Benzo(a)anthracene	21.356	228	1562756	20.419	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	835833	20.377	ng/ul	99
87) Chrysene	21.403	228	1513494	20.056	ng/ul	99
89) Di-n-octyl phthalate	22.168	149	1328801	17.963	ng/ul	100
90) Benzo(b)fluoranthene	22.962	252	1484023	20.102	ng/ul	97
91) Benzo(k)fluoranthene	23.009	252	1434615	20.344	ng/ul	98
93) Benzo(a)pyrene	23.550	252	1298411	20.122	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.974	276	1475828	18.584	ng/ul	98
95) Dibenzo(a,h)anthracene	25.985	278	1244726	18.616	ng/ul	98
96) Benzo(g,h,i)perylene	26.685	276	1203914	18.448	ng/ul	97

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

