

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
 Data File : BM038872.D
 Acq On : 06 Mar 2023 15:29
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020101

Quant Time: Mar 06 23:58:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 06 23:57:30 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/07/2023
 Supervised By :Jagrut Upadhyay 03/07/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	190732	20.000	ng/u1	0.00
20) Naphthalene-d8	10.822	136	854771	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	544919	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	1161003	20.000	ng/u1	0.00
79) Chrysene-d12	21.562	240	1174866	20.000	ng/u1	0.00
88) Perylene-d12	24.015	264	1327647	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	42898	8.398	ng/uL	0.00
4) Pyridine-d5	3.799	84	293074	20.868	ng/u1	0.00
7) Phenol-d5	7.151	99	353347	19.760	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	227898	19.947	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	272837	20.476	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	273594	19.421	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	126271	21.043	ng/u1	0.00
24) 2-Nitrophenol-d4	9.898	143	114681	20.396	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	270380	20.694	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	422379	19.394	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	810171	19.196	ng/u1	0.00
49) Acenaphthylene-d8	14.333	160	987458	20.018	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	152730	18.077	ng/u1	0.00
60) Fluorene-d10	15.633	176	755403	20.294	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	104323	17.284	ng/u1	0.00
73) Anthracene-d10	17.480	188	1167013	20.385	ng/u1	0.00
81) Pyrene-d10	19.768	212	1341027	20.753	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.850	264	1400529	20.933	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.416	88	44993	8.196	ng/uL	98
5) Pyridine	3.822	79	315754	20.885	ng/u1	97
6) Benzaldehyde	7.140	77	204171m	23.576	ng/u1	
8) Phenol	7.181	94	376885	19.692	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.422	93	300233	19.704	ng/u1	99
12) 2-Chlorophenol	7.563	128	288026	20.988	ng/u1	98
13) 2-Methylphenol	8.445	108	274888	19.214	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.534	45	373767	19.540	ng/u1	99
16) Acetophenone	8.834	105	485816	19.843	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.816	70	223571	19.882	ng/u1	98
18) 4-Methylphenol	8.775	108	306962	19.324	ng/u1	96
19) Hexachloroethane	9.098	117	117859	21.436	ng/u1	98
22) Nitrobenzene	9.210	77	334437	20.372	ng/u1	99
23) Isophorone	9.739	82	630353	18.877	ng/u1	99
25) 2-Nitrophenol	9.928	139	139115	20.863	ng/u1	97
26) 2,4-Dimethylphenol	9.986	107	331689	20.247	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.228	93	405535	19.790	ng/u1	98
29) 2,4-Dichlorophenol	10.457	162	278712	21.042	ng/u1	98
30) Naphthalene	10.869	128	1018679	20.885	ng/u1	100
32) 4-Chloroaniline	10.975	127	430091	19.505	ng/u1	100
33) Hexachlorobutadiene	11.163	225	171593	20.821	ng/u1	98
34) Caprolactam	11.739	113	73810	16.251	ng/u1	96
35) 4-Chloro-3-methylphenol	12.092	107	292016	19.502	ng/u1	99
36) 2-Methylnaphthalene	12.475	142	651155	20.453	ng/u1	98

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37) 1-Methylnaphthalene	12.692	142	655735	20.442	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.839	216	339188	20.809	ng/u1	98
40) Hexachlorocyclopentadiene	12.822	237	178796	20.331	ng/u1	95
41) 2,4,6-Trichlorophenol	13.075	196	208979	20.326	ng/u1	98
42) 2,4,5-Trichlorophenol	13.145	196	230068	20.332	ng/u1	100
43) 1,1'-Biphenyl	13.480	154	890689	20.723	ng/u1	99
44) 2-Chloronaphthalene	13.522	162	691980	20.412	ng/u1	99
45) 2-Nitroaniline	13.722	65	154831	20.239	ng/u1	97
47) Dimethylphthalate	14.098	163	820920	19.193	ng/u1	99
48) 2,6-Dinitrotoluene	14.216	165	135010	19.948	ng/u1	99
50) Acenaphthylene	14.363	152	1115389	20.388	ng/u1	99
51) 3-Nitroaniline	14.539	138	155635	18.321	ng/u1	95
52) Acenaphthene	14.704	153	770193	20.452	ng/u1	99
53) 2,4-Dinitrophenol	14.739	184	61976	16.107	ng/u1	95
55) 4-Nitrophenol	14.833	109	123344	18.277	ng/u1	99
56) Dibenzofuran	15.039	168	1086085	20.774	ng/u1	97
57) 2,4-Dinitrotoluene	14.998	165	204486	19.544	ng/u1	95
58) 2,3,4,6-Tetrachlorophenol	15.257	232	198782	20.178	ng/u1	99
59) Diethylphthalate	15.463	149	828080	19.565	ng/u1	99
61) Fluorene	15.686	166	903109	20.603	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.680	204	430362	20.336	ng/u1	98
63) 4-Nitroaniline	15.698	138	169007	19.236	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.757	198	111287	17.816	ng/u1	99
67) N-Nitrosodiphenylamine	15.892	169	728237	20.738	ng/u1	99
68) 4-Bromophenyl-phenylether	16.574	248	239336	20.028	ng/u1	97
69) Hexachlorobenzene	16.686	284	290539	20.073	ng/u1	99
70) Atrazine	16.845	200	219070	18.441	ng/u1	97
71) Pentachlorophenol	17.027	266	164166	18.654	ng/u1	98
72) Phenanthrene	17.427	178	1383000	20.617	ng/u1	100
74) Anthracene	17.515	178	1426589	20.887	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.445	216	346329	21.167	ng/uL	97
76) Pentachlorobenzene	14.957	250	350517	20.849	ng/uL	99
77) Carbazole	17.786	167	1269893	20.022	ng/u1	99
78) Di-n-butylphthalate	18.357	149	1297453	20.107	ng/u1	100
80) Fluoranthene	19.439	202	1550546	20.864	ng/u1	100
82) Pyrene	19.798	202	1705317	20.926	ng/u1	100
83) Butylbenzylphthalate	20.698	149	484459	22.372	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.474	252	427226	18.558	ng/u1	99
85) Benzo(a)anthracene	21.545	228	1663005	20.486	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.480	149	777557	21.600	ng/u1	98
87) Chrysene	21.597	228	1647272	20.751	ng/u1	100
89) Di-n-octyl phthalate	22.427	149	1190882	17.839	ng/u1	100
90) Benzo(b)fluoranthene	23.262	252	1696317	20.578	ng/u1	99
91) Benzo(k)fluoranthene	23.315	252	1796317	21.213	ng/u1	99
93) Benzo(a)pyrene	23.903	252	1598090	20.928	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.574	276	2014264	19.955	ng/u1	98
95) Dibenzo(a,h)anthracene	26.591	278	1679440	19.721	ng/u1	100
96) Benzo(g,h,i)perylene	27.356	276	1635453	19.787	ng/u1	98

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

