

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
 Data File : BM038889.D
 Acq On : 07 Mar 2023 10:27
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020102

Quant Time: Mar 07 11:25:45 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 03/08/2023
 Supervised By : Jagrut Upadhyay 03/08/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	214862	20.000	ng/u1	0.00
20) Naphthalene-d8	10.822	136	1006104	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	644132	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	1401660	20.000	ng/u1	0.00
79) Chrysene-d12	21.562	240	1455842	20.000	ng/u1	0.00
88) Perylene-d12	24.015	264	1663030	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	44075	7.660	ng/uL	0.00
4) Pyridine-d5	3.799	84	322761	20.401	ng/u1	0.00
7) Phenol-d5	7.151	99	387344	19.229	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	250641	19.474	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	301166	20.064	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	306516	19.315	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	153084	21.674	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	147480	22.283	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	303031	19.704	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	475791	18.561	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	961662	19.276	ng/u1	0.00
49) Acenaphthylene-d8	14.333	160	1126354	19.316	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	190293	19.054	ng/u1	0.00
60) Fluorene-d10	15.627	176	856990	19.477	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	135540	18.600	ng/u1	0.00
73) Anthracene-d10	17.480	188	1341914	19.415	ng/u1	0.00
81) Pyrene-d10	19.768	212	1555719	19.429	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.850	264	1668088	19.904	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.416	88	48641	7.866	ng/uL	99
5) Pyridine	3.822	79	331228	19.448	ng/u1	97
6) Benzaldehyde	7.134	77	229768m	23.552	ng/u1	
8) Phenol	7.181	94	417842	19.380	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.422	93	334992	19.516	ng/u1	99
12) 2-Chlorophenol	7.563	128	311839	20.171	ng/u1	98
13) 2-Methylphenol	8.445	108	308741	19.157	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.539	45	418441	19.419	ng/u1	99
16) Acetophenone	8.828	105	536725	19.460	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.816	70	259088	20.453	ng/u1	99
18) 4-Methylphenol	8.769	108	344023	19.225	ng/u1	99
19) Hexachloroethane	9.092	117	126268	20.386	ng/u1	97
22) Nitrobenzene	9.210	77	384551	19.901	ng/u1	98
23) Isophorone	9.739	82	742391	18.888	ng/u1	98
25) 2-Nitrophenol	9.928	139	170121	21.676	ng/u1	99
26) 2,4-Dimethylphenol	9.981	107	374304	19.412	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.228	93	468407	19.420	ng/u1	98
29) 2,4-Dichlorophenol	10.457	162	306412	19.654	ng/u1	98
30) Naphthalene	10.869	128	1106743	19.278	ng/u1	100
32) 4-Chloroaniline	10.975	127	484532	18.668	ng/u1	99
33) Hexachlorobutadiene	11.157	225	187335	19.312	ng/u1	99
34) Caprolactam	11.733	113	94516	17.680	ng/u1	98
35) 4-Chloro-3-methylphenol	12.092	107	346316	19.649	ng/u1	99
36) 2-Methylnaphthalene	12.475	142	730943	19.506	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.692	142	727230	19.261	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.839	216	376139	19.522	ng/u1	99
40) Hexachlorocyclopentadiene	12.822	237	207828	19.993	ng/u1	98
41) 2,4,6-Trichlorophenol	13.074	196	239541	19.710	ng/u1	97
42) 2,4,5-Trichlorophenol	13.139	196	267351	19.988	ng/u1	96
43) 1,1'-Biphenyl	13.480	154	997723	19.638	ng/u1	99
44) 2-Chloronaphthalene	13.522	162	779637	19.455	ng/u1	99
45) 2-Nitroaniline	13.721	65	202864	22.433	ng/u1	99
47) Dimethylphthalate	14.098	163	971329	19.212	ng/u1	99
48) 2,6-Dinitrotoluene	14.216	165	168500	21.061	ng/u1	98
50) Acenaphthylene	14.363	152	1248524	19.306	ng/u1	99
51) 3-Nitroaniline	14.539	138	190722	18.994	ng/u1	95
52) Acenaphthene	14.704	153	856385	19.238	ng/u1	99
53) 2,4-Dinitrophenol	14.739	184	78958	17.360	ng/u1	96
55) 4-Nitrophenol	14.833	109	155104	19.443	ng/u1	97
56) Dibenzofuran	15.039	168	1207750	19.543	ng/u1	98
57) 2,4-Dinitrotoluene	14.992	165	257473	20.818	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.257	232	233263	20.031	ng/u1	98
59) Diethylphthalate	15.457	149	980734	19.603	ng/u1	99
61) Fluorene	15.686	166	1005894	19.413	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.680	204	486058	19.431	ng/u1	99
63) 4-Nitroaniline	15.698	138	212798	20.489	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.757	198	142023	18.833	ng/u1	98
67) N-Nitrosodiphenylamine	15.892	169	831172	19.606	ng/u1	99
68) 4-Bromophenyl-phenylether	16.574	248	277174	19.212	ng/u1	98
69) Hexachlorobenzene	16.686	284	333408	19.080	ng/u1	100
70) Atrazine	16.839	200	270430	18.856	ng/u1	99
71) Pentachlorophenol	17.027	266	196255	18.472	ng/u1	99
72) Phenanthrene	17.427	178	1569210	19.377	ng/u1	99
74) Anthracene	17.515	178	1613826	19.571	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.445	216	384940	19.487	ng/u1	99
76) Pentachlorobenzene	14.957	250	395626	19.492	ng/u1	98
77) Carbazole	17.786	167	1470669	19.206	ng/u1	99
78) Di-n-butylphthalate	18.356	149	1615400	20.736	ng/u1	100
80) Fluoranthene	19.433	202	1802599	19.574	ng/u1	97
82) Pyrene	19.798	202	1968616	19.494	ng/u1	100
83) Butylbenzylphthalate	20.698	149	698433	26.029	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.480	252	576483	20.208	ng/u1	99
85) Benzo(a)anthracene	21.545	228	1991682	19.800	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.480	149	1082563	24.269	ng/u1	98
87) Chrysene	21.597	228	1911308	19.430	ng/u1	100
89) Di-n-octyl phthalate	22.427	149	1777848	21.261	ng/u1	100
90) Benzo(b)fluoranthene	23.262	252	2049170	19.845	ng/u1	99
91) Benzo(k)fluoranthene	23.315	252	2145281	20.225	ng/u1	99
93) Benzo(a)pyrene	23.903	252	1900044	19.864	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.568	276	2433994	19.250	ng/u1	100
95) Dibenzo(a,h)anthracene	26.591	278	2054045	19.256	ng/u1	99
96) Benzo(g,h,i)perylene	27.350	276	1963918	18.969	ng/u1	99

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

