

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
 Data File : BM039004.D
 Acq On : 14 Mar 2023 00:35
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020107

Quant Time: Mar 15 01:07:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 13 16:25:27 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/15/2023
 Supervised By :Jagrut Upadhyay 03/15/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	566743	20.000	ng/u1	0.00
20) Naphthalene-d8	10.798	136	2580966	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.628	164	1567905	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	2988204	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	1934481	20.000	ng/u1	0.00
88) Perylene-d12	23.998	264	1802609	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	131179	8.072	ng/uL	0.00
4) Pyridine-d5	3.793	84	945857	20.575	ng/u1	0.00
7) Phenol-d5	7.140	99	1117191	20.478	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.310	67	730127	20.708	ng/u1	0.00
11) 2-Chlorophenol-d4	7.510	132	875500	21.557	ng/u1	0.00
15) 4-Methylphenol-d8	8.699	113	879280	20.601	ng/u1	0.00
21) Nitrobenzene-d5	9.152	128	455242	21.098	ng/u1	0.00
24) 2-Nitrophenol-d4	9.875	143	481837	22.164	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	853108	21.437	ng/u1	0.00
31) 4-Chloroaniline-d4	10.934	131	1281435	19.909	ng/u1	0.00
46) Dimethylphthalate-d6	14.034	166	2427269	20.439	ng/u1	0.00
49) Acenaphthylene-d8	14.316	160	2925176	21.209	ng/u1	0.00
54) 4-Nitrophenol-d4	14.816	143	458458	18.529	ng/u1	0.00
60) Fluorene-d10	15.616	176	2071322	19.990	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	370097	19.554	ng/u1	0.00
73) Anthracene-d10	17.469	188	2993141	20.775	ng/u1	0.00
81) Pyrene-d10	19.757	212	2874722	25.382	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.839	264	1958906	21.168	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	145055	8.145	ng/uL	94
5) Pyridine	3.817	79	1006630	20.605	ng/u1	98
6) Benzaldehyde	7.122	77	659499m	24.669	ng/u1	
8) Phenol	7.169	94	1185818	20.495	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.405	93	957595	20.778	ng/u1	98
12) 2-Chlorophenol	7.546	128	891495	21.262	ng/u1	98
13) 2-Methylphenol	8.428	108	886481	20.772	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.522	45	1282564m	20.645	ng/u1	
16) Acetophenone	8.816	105	1495432	21.182	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.804	70	787021	21.596	ng/u1	99
18) 4-Methylphenol	8.763	108	985745	20.783	ng/u1	94
19) Hexachloroethane	9.075	117	379190	21.414	ng/u1	96
22) Nitrobenzene	9.199	77	1127296	20.635	ng/u1	97
23) Isophorone	9.728	82	2175134	20.847	ng/u1	100
25) 2-Nitrophenol	9.910	139	516243	21.692	ng/u1	99
26) 2,4-Dimethylphenol	9.969	107	1065771	21.152	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.210	93	1345208	20.738	ng/u1	100
29) 2,4-Dichlorophenol	10.440	162	850982	21.269	ng/u1	98
30) Naphthalene	10.851	128	3006971	20.593	ng/u1	100
32) 4-Chloroaniline	10.957	127	1286637	19.862	ng/u1	100
33) Hexachlorobutadiene	11.140	225	504662	21.081	ng/u1	99
34) Caprolactam	11.740	113	263214m	19.270	ng/u1	
35) 4-Chloro-3-methylphenol	12.075	107	937820	20.573	ng/u1	98
36) 2-Methylnaphthalene	12.457	142	1937488	20.444	ng/u1	100

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37) 1-Methylnaphthalene	12.675	142	1950778	20.491	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.822	216	977126	21.245	ng/u1	99
40) Hexachlorocyclopentadiene	12.804	237	643767	21.448	ng/u1	100
41) 2,4,6-Trichlorophenol	13.057	196	652831	21.702	ng/u1	98
42) 2,4,5-Trichlorophenol	13.128	196	714064	21.831	ng/u1	98
43) 1,1'-Biphenyl	13.463	154	2598791	20.857	ng/u1	99
44) 2-Chloronaphthalene	13.504	162	2021597	20.905	ng/u1	100
45) 2-Nitroaniline	13.704	65	613005	21.273	ng/u1	98
47) Dimethylphthalate	14.086	163	2436530	20.258	ng/u1	100
48) 2,6-Dinitrotoluene	14.204	165	485063	21.884	ng/u1	99
50) Acenaphthylene	14.345	152	3173974	20.693	ng/u1	98
51) 3-Nitroaniline	14.528	138	520317	20.255	ng/u1	96
52) Acenaphthene	14.686	153	2166328	20.358	ng/u1	99
53) 2,4-Dinitrophenol	14.728	184	247589	17.811	ng/u1	98
55) 4-Nitrophenol	14.828	109	355824	18.505	ng/u1	97
56) Dibenzofuran	15.022	168	2940749	20.133	ng/u1	99
57) 2,4-Dinitrotoluene	14.986	165	677157	20.639	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	15.245	232	575265	20.653	ng/u1	98
59) Diethylphthalate	15.445	149	2438724	20.074	ng/u1	99
61) Fluorene	15.669	166	2436489	20.095	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.663	204	1184023	20.418	ng/u1	97
63) 4-Nitroaniline	15.692	138	487769	19.953	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.745	198	370832	19.715	ng/u1	99
67) N-Nitrosodiphenylamine	15.875	169	1988773	21.796	ng/u1	99
68) 4-Bromophenyl-phenylether	16.557	248	658222	21.859	ng/u1	97
69) Hexachlorobenzene	16.675	284	740867	21.110	ng/u1	98
70) Atrazine	16.833	200	638807	20.495	ng/u1	98
71) Pentachlorophenol	17.016	266	445819	19.837	ng/u1	99
72) Phenanthrene	17.410	178	3465727	20.422	ng/u1	99
74) Anthracene	17.504	178	3556718	20.643	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.428	216	984630	23.053	ng/uL	99
76) Pentachlorobenzene	14.939	250	950789	22.431	ng/uL	99
77) Carbazole	17.774	167	3093884	20.004	ng/u1	100
78) Di-n-butylphthalate	18.339	149	3750280	20.761	ng/u1	100
80) Fluoranthene	19.421	202	3437918	25.981	ng/u1	98
82) Pyrene	19.786	202	3573854	25.306	ng/u1	97
83) Butylbenzylphthalate	20.686	149	1297853	23.229	ng/u1	97
84) 3,3'-Dichlorobenzidine	21.468	252	877027	21.139	ng/u1	99
85) Benzo(a)anthracene	21.533	228	2855637	21.235	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.462	149	1788480	21.497	ng/u1	99
87) Chrysene	21.586	228	2679171	20.732	ng/u1	100
89) Di-n-octyl phthalate	22.404	149	2663571	20.106	ng/u1	100
90) Benzo(b)fluoranthene	23.245	252	2537989	21.056	ng/u1	100
91) Benzo(k)fluoranthene	23.298	252	2454418	20.602	ng/u1	99
93) Benzo(a)pyrene	23.886	252	2187733	20.980	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.544	276	2781663	23.133	ng/u1	98
95) Dibenzo(a,h)anthracene	26.562	278	2356926	23.264	ng/u1	100
96) Benzo(g,h,i)perylene	27.327	276	2234940	23.486	ng/u1	99

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

