

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
 Data File : BM039496.D
 Acq On : 19 Apr 2023 15:29
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020112

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/20/2023
 Supervised By : Jagrut Upadhyay 04/20/2023

Quant Time: Apr 19 23:37:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 19 08:18:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	242718	20.000	ng/u1	0.00
20) Naphthalene-d8	10.636	136	1148758	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.483	164	736449	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.236	188	1573289	20.000	ng/u1	0.00
79) Chrysene-d12	21.430	240	1375938	20.000	ng/u1	0.00
88) Perylene-d12	23.794	264	1323437	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	53492	8.459	ng/uL	0.00
4) Pyridine-d5	3.643	84	367153	20.664	ng/u1	0.00
7) Phenol-d5	7.013	99	456425	20.546	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.160	67	317147	21.599	ng/u1	0.00
11) 2-Chlorophenol-d4	7.360	132	371766	21.334	ng/u1	0.00
15) 4-Methylphenol-d8	8.560	113	376533	21.042	ng/u1	0.00
21) Nitrobenzene-d5	9.001	128	193534	20.941	ng/u1	0.00
24) 2-Nitrophenol-d4	9.725	143	219803	21.180	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.266	165	385460	21.586	ng/u1	0.00
31) 4-Chloroaniline-d4	10.789	131	552273	20.708	ng/u1	0.00
46) Dimethylphthalate-d6	13.901	166	1251266	21.067	ng/u1	0.00
49) Acenaphthylene-d8	14.177	160	1413228	21.180	ng/u1	0.00
54) 4-Nitrophenol-d4	14.718	143	174867	19.454	ng/u1	0.00
60) Fluorene-d10	15.477	176	1026933	21.104	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.613	200	209030	19.993	ng/u1	0.00
73) Anthracene-d10	17.336	188	1588799	20.999	ng/u1	0.00
81) Pyrene-d10	19.636	212	1832797	20.046	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.641	264	1491923	20.880	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.249	88	58416	8.442	ng/uL	97
5) Pyridine	3.660	79	380820	20.327	ng/u1	98
6) Benzaldehyde	6.972	77	248544	26.187	ng/u1	99
8) Phenol	7.037	94	484349	20.941	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.254	93	411212	21.324	ng/u1	99
12) 2-Chlorophenol	7.395	128	371923	21.210	ng/u1	99
13) 2-Methylphenol	8.289	108	374187	20.829	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.366	45	596820	22.283	ng/u1	99
16) Acetophenone	8.660	105	651196	22.155	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.642	70	361107	22.197	ng/u1	96
18) 4-Methylphenol	8.625	108	420903	21.701	ng/u1	98
19) Hexachloroethane	8.901	117	166615	20.921	ng/u1	97
22) Nitrobenzene	9.042	77	491369	21.533	ng/u1	96
23) Isophorone	9.566	82	1037960	21.331	ng/u1	98
25) 2-Nitrophenol	9.754	139	226971	20.961	ng/u1	97
26) 2,4-Dimethylphenol	9.825	107	474613	21.449	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.054	93	615180	21.499	ng/u1	99
29) 2,4-Dichlorophenol	10.295	162	381774	21.704	ng/u1	99
30) Naphthalene	10.683	128	1334901	21.002	ng/u1	100
32) 4-Chloroaniline	10.813	127	545777	20.769	ng/u1	99
33) Hexachlorobutadiene	10.960	225	240845	20.780	ng/u1	99
34) Caprolactam	11.595	113	132694m	20.258	ng/u1	
35) 4-Chloro-3-methylphenol	11.948	107	440443	21.446	ng/u1	98
36) 2-Methylnaphthalene	12.301	142	902714	21.186	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.519	142	908537	21.218	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.672	216	460731	20.842	ng/u1	98
40) Hexachlorocyclopentadiene	12.642	237	234195	17.782	ng/u1	99
41) 2,4,6-Trichlorophenol	12.924	196	312426	21.156	ng/u1	99
42) 2,4,5-Trichlorophenol	13.001	196	325233	21.190	ng/u1	99
43) 1,1'-Biphenyl	13.319	154	1225189	21.527	ng/u1	100
44) 2-Chloronaphthalene	13.360	162	947150	21.215	ng/u1	100
45) 2-Nitroaniline	13.577	65	290023	22.511	ng/u1	98
47) Dimethylphthalate	13.948	163	1237530	21.045	ng/u1	100
48) 2,6-Dinitrotoluene	14.077	165	252346	21.218	ng/u1	98
50) Acenaphthylene	14.207	152	1531549	21.458	ng/u1	100
51) 3-Nitroaniline	14.407	138	230284	20.658	ng/u1	98
52) Acenaphthene	14.548	153	1046375	21.293	ng/u1	99
53) 2,4-Dinitrophenol	14.624	184	106359	16.800	ng/u1	98
55) 4-Nitrophenol	14.736	109	138285	20.254	ng/u1	97
56) Dibenzofuran	14.883	168	1441329	21.579	ng/u1	100
57) 2,4-Dinitrotoluene	14.866	165	357312	21.622	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	15.118	232	292870	21.317	ng/u1	99
59) Diethylphthalate	15.313	149	1291637	21.189	ng/u1	99
61) Fluorene	15.536	166	1194485	21.619	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.530	204	589728	21.534	ng/u1	97
63) 4-Nitroaniline	15.577	138	195669m	22.890	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.630	198	199368	19.834	ng/u1	94
67) N-Nitrosodiphenylamine	15.748	169	984853	21.010	ng/u1	100
68) 4-Bromophenyl-phenylether	16.424	248	349185	20.549	ng/u1	98
69) Hexachlorobenzene	16.536	284	404522	20.722	ng/u1	97
70) Atrazine	16.707	200	367970	21.156	ng/u1	99
71) Pentachlorophenol	16.895	266	220531	19.325	ng/u1	98
72) Phenanthrene	17.277	178	1828545	20.935	ng/u1	100
74) Anthracene	17.371	178	1854857	21.168	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.283	216	484737	20.688	ng/u1	99
76) Pentachlorobenzene	14.801	250	487537	21.139	ng/u1	100
77) Carbazole	17.648	167	1647660	21.161	ng/u1	100
78) Di-n-butylphthalate	18.206	149	2279425	20.697	ng/u1	99
80) Fluoranthene	19.301	202	2125459	19.833	ng/u1	98
82) Pyrene	19.665	202	2248964	20.272	ng/u1	97
83) Butylbenzylphthalate	20.565	149	1039433	19.849	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.353	252	670540	21.976	ng/u1	98
85) Benzo(a)anthracene	21.412	228	2076425	20.864	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.336	149	1586848	20.376	ng/u1	100
87) Chrysene	21.465	228	1986644	20.928	ng/u1	100
89) Di-n-octyl phthalate	22.253	149	2658974	19.996	ng/u1	100
90) Benzo(b)fluoranthene	23.077	252	1935905	20.789	ng/u1	100
91) Benzo(k)fluoranthene	23.124	252	1924252	21.041	ng/u1	100
93) Benzo(a)pyrene	23.694	252	1646355	20.975	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.247	276	1821865	21.102	ng/u1	99
95) Dibenzo(a,h)anthracene	26.265	278	1523013	21.276	ng/u1	99
96) Benzo(g,h,i)perylene	27.000	276	1421137	20.663	ng/u1	99

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

