

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
 Data File : BM039466.D
 Acq On : 18 Apr 2023 20:52
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020110

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/19/2023
 Supervised By :Jagrut Upadhyay 04/19/2023

Quant Time: Apr 19 02:04:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 18 23:56:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	246247	20.000	ng/u1	0.00
20) Naphthalene-d8	10.639	136	1176187	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.486	164	758065	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	1591223	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	1363057	20.000	ng/u1	0.00
88) Perylene-d12	23.803	264	1308798	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	55190m	8.603	ng/uL	0.00
4) Pyridine-d5	3.646	84	378548	21.000	ng/u1	0.00
7) Phenol-d5	7.022	99	464867	20.626	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	316475	21.245	ng/u1	0.00
11) 2-Chlorophenol-d4	7.369	132	384556	21.752	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	384387	21.173	ng/u1	0.00
21) Nitrobenzene-d5	9.004	128	200232	21.160	ng/u1	0.00
24) 2-Nitrophenol-d4	9.728	143	226743	21.339	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	391496	21.413	ng/u1	0.00
31) 4-Chloroaniline-d4	10.792	131	561057	20.547	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	1271119	20.791	ng/u1	0.00
49) Acenaphthylene-d8	14.180	160	1452349	21.146	ng/u1	0.00
54) 4-Nitrophenol-d4	14.727	143	179927	19.446	ng/u1	0.00
60) Fluorene-d10	15.486	176	1046516	20.893	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.621	200	217314	20.551	ng/u1	0.00
73) Anthracene-d10	17.339	188	1610574	21.046	ng/u1	0.00
81) Pyrene-d10	19.639	212	1837958	20.292	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.650	264	1481998	20.973	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.251	88	60014	8.549	ng/uL	97
5) Pyridine	3.663	79	404506	21.282	ng/u1	96
6) Benzaldehyde	6.975	77	249308	25.892	ng/u1	98
8) Phenol	7.045	94	492077	20.970	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.257	93	420166	21.476	ng/u1	99
12) 2-Chlorophenol	7.398	128	383741	21.571	ng/u1	98
13) 2-Methylphenol	8.298	108	384075	21.073	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.369	45	597573	21.991	ng/u1	99
16) Acetophenone	8.663	105	663178	22.239	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.651	70	368212	22.310	ng/u1	99
18) 4-Methylphenol	8.628	108	423041	21.499	ng/u1	98
19) Hexachloroethane	8.904	117	171965	21.283	ng/u1	97
22) Nitrobenzene	9.045	77	493288	21.113	ng/u1	98
23) Isophorone	9.575	82	1054110	21.157	ng/u1	99
25) 2-Nitrophenol	9.757	139	235797	21.269	ng/u1	96
26) 2,4-Dimethylphenol	9.828	107	481604	21.257	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.057	93	614221	20.965	ng/u1	100
29) 2,4-Dichlorophenol	10.298	162	383914	21.317	ng/u1	100
30) Naphthalene	10.692	128	1367905	21.020	ng/u1	100
32) 4-Chloroaniline	10.816	127	552413	20.531	ng/u1	99
33) Hexachlorobutadiene	10.969	225	246416	20.765	ng/u1	99
34) Caprolactam	11.604	113	136219	20.311	ng/u1	99
35) 4-Chloro-3-methylphenol	11.957	107	448938	21.350	ng/u1	99
36) 2-Methylnaphthalene	12.310	142	912612	20.919	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.527	142	920155	20.989	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.674	216	472571	20.768	ng/ul	98
40) Hexachlorocyclopentadiene	12.645	237	259438	19.137	ng/ul	97
41) 2,4,6-Trichlorophenol	12.927	196	316481	20.819	ng/ul	99
42) 2,4,5-Trichlorophenol	13.010	196	334107	21.147	ng/ul	98
43) 1,1'-Biphenyl	13.321	154	1238509	21.141	ng/ul	99
44) 2-Chloronaphthalene	13.363	162	965727	21.014	ng/ul	100
45) 2-Nitroaniline	13.586	65	287840	21.704	ng/ul	99
47) Dimethylphthalate	13.951	163	1265602	20.908	ng/ul	100
48) 2,6-Dinitrotoluene	14.080	165	258079	21.081	ng/ul	99
50) Acenaphthylene	14.210	152	1558769	21.217	ng/ul	100
51) 3-Nitroaniline	14.415	138	248908	21.692	ng/ul	99
52) Acenaphthene	14.551	153	1058605	20.928	ng/ul	99
53) 2,4-Dinitrophenol	14.627	184	122449	18.790	ng/ul	98
55) 4-Nitrophenol	14.745	109	140857	20.042	ng/ul	97
56) Dibenzofuran	14.886	168	1455908	21.176	ng/ul	100
57) 2,4-Dinitrotoluene	14.868	165	363782	21.386	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.121	232	297866	21.063	ng/ul	97
59) Diethylphthalate	15.315	149	1314734	20.953	ng/ul	99
61) Fluorene	15.539	166	1196822	21.044	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.533	204	594039	21.073	ng/ul	99
63) 4-Nitroaniline	15.580	138	211384	24.023	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.633	198	212618	20.914	ng/ul	95
67) N-Nitrosodiphenylamine	15.751	169	997196	21.034	ng/ul	99
68) 4-Bromophenyl-phenylether	16.427	248	359438	20.914	ng/ul	98
69) Hexachlorobenzene	16.545	284	408719	20.701	ng/ul	99
70) Atrazine	16.709	200	371094	21.095	ng/ul	100
71) Pentachlorophenol	16.898	266	237401	20.569	ng/ul	99
72) Phenanthrene	17.286	178	1855486	21.004	ng/ul	99
74) Anthracene	17.374	178	1872262	21.126	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.286	216	495629	20.914	ng/ul	99
76) Pentachlorobenzene	14.810	250	489170	20.971	ng/ul	98
77) Carbazole	17.656	167	1677148	21.297	ng/ul	100
78) Di-n-butylphthalate	18.209	149	2337379	20.984	ng/ul	99
80) Fluoranthene	19.303	202	2148072	20.234	ng/ul	99
82) Pyrene	19.668	202	2235827	20.344	ng/ul	98
83) Butylbenzylphthalate	20.568	149	1055725	20.350	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.356	252	623622	20.632	ng/ul	98
85) Benzo(a)anthracene	21.421	228	2088497	21.184	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.344	149	1584595	20.540	ng/ul	99
87) Chrysene	21.474	228	1991797	21.180	ng/ul	100
89) Di-n-octyl phthalate	22.256	149	2667782	20.287	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	1871368	20.321	ng/ul	99
91) Benzo(k)fluoranthene	23.133	252	1954563	21.612	ng/ul	100
93) Benzo(a)pyrene	23.703	252	1626975	20.960	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.262	276	1784063	20.895	ng/ul	99
95) Dibenzo(a,h)anthracene	26.273	278	1503725	21.242	ng/ul	100
96) Benzo(g,h,i)perylene	27.015	276	1393328	20.485	ng/ul	98

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

