

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
 Data File : BM039453.D
 Acq On : 18 Apr 2023 11:58
 Operator : CG/JU
 Sample : SSTD02047
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020008

Manual Integrations
 APPROVED

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

Quant Time: Apr 18 23:38:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 18 18:09:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	237613	20.000	ng/u1	0.00
20) Naphthalene-d8	10.645	136	1105176	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.492	164	721675	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	1523353	20.000	ng/u1	0.00
79) Chrysene-d12	21.439	240	1275325	20.000	ng/u1	0.00
88) Perylene-d12	23.809	264	1185851	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	51830m	8.267	ng/uL	0.00
4) Pyridine-d5	3.646	84	347842	19.998	ng/u1	0.00
7) Phenol-d5	7.022	99	435055	20.005	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	302660	21.056	ng/u1	0.00
11) 2-Chlorophenol-d4	7.369	132	359045	21.046	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	361192	20.618	ng/u1	0.00
21) Nitrobenzene-d5	9.004	128	189684	21.334	ng/u1	0.00
24) 2-Nitrophenol-d4	9.728	143	209669	21.000	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	367358	21.384	ng/u1	0.00
31) 4-Chloroaniline-d4	10.792	131	533361	20.787	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	1219631	20.955	ng/u1	0.00
49) Acenaphthylene-d8	14.186	160	1377931	21.074	ng/u1	0.00
54) 4-Nitrophenol-d4	14.733	143	168152	19.090	ng/u1	0.00
60) Fluorene-d10	15.486	176	999493	20.960	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.621	200	204851	20.236	ng/u1	0.00
73) Anthracene-d10	17.345	188	1548045	21.131	ng/u1	0.00
81) Pyrene-d10	19.639	212	1760461	20.774	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.656	264	1340456	20.937	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	57014	8.416	ng/uL	100
5) Pyridine	3.663	79	371182	20.238	ng/u1	100
6) Benzaldehyde	6.975	77	239734	25.802	ng/u1	100
8) Phenol	7.051	94	461618	20.387	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.263	93	393048	20.820	ng/u1	100
12) 2-Chlorophenol	7.398	128	363355	21.167	ng/u1	100
13) 2-Methylphenol	8.298	108	363824	20.687	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.369	45	557747	21.268	ng/u1	100
16) Acetophenone	8.669	105	618197	21.484	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.651	70	347070	21.793	ng/u1	100
18) 4-Methylphenol	8.634	108	397579	20.939	ng/u1	100
19) Hexachloroethane	8.910	117	163887	21.020	ng/u1	100
22) Nitrobenzene	9.051	77	470632	21.437	ng/u1	100
23) Isophorone	9.575	82	994424	21.242	ng/u1	100
25) 2-Nitrophenol	9.763	139	221596	21.272	ng/u1	100
26) 2,4-Dimethylphenol	9.834	107	455863	21.414	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.063	93	589666	21.420	ng/u1	100
29) 2,4-Dichlorophenol	10.304	162	364607	21.546	ng/u1	100
30) Naphthalene	10.692	128	1286699	21.042	ng/u1	100
32) 4-Chloroaniline	10.816	127	522515	20.668	ng/u1	100
33) Hexachlorobutadiene	10.969	225	232991	20.895	ng/u1	100
34) Caprolactam	11.604	113	131461m	21.040	ng/u1	100
35) 4-Chloro-3-methylphenol	11.963	107	422877	21.403	ng/u1	100
36) 2-Methylnaphthalene	12.310	142	864994	21.101	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.528	142	863527	20.963	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.681	216	450156	20.781	ng/ul	100
40) Hexachlorocyclopentadiene	12.651	237	239346	18.545	ng/ul	100
41) 2,4,6-Trichlorophenol	12.928	196	301235	20.816	ng/ul	100
42) 2,4,5-Trichlorophenol	13.010	196	315247	20.960	ng/ul	100
43) 1,1'-Biphenyl	13.322	154	1174637	21.061	ng/ul	100
44) 2-Chloronaphthalene	13.363	162	913514	20.880	ng/ul	100
45) 2-Nitroaniline	13.586	65	267288	20.833	ng/ul	100
47) Dimethylphthalate	13.951	163	1207699	20.958	ng/ul	100
48) 2,6-Dinitrotoluene	14.080	165	248153	21.292	ng/ul	100
50) Acenaphthylene	14.216	152	1479402	21.152	ng/ul	100
51) 3-Nitroaniline	14.416	138	225582	20.651	ng/ul	100
52) Acenaphthene	14.557	153	1005911	20.889	ng/ul	100
53) 2,4-Dinitrophenol	14.627	184	106930	17.236	ng/ul	100
55) 4-Nitrophenol	14.751	109	130790	19.548	ng/ul	100
56) Dibenzofuran	14.892	168	1379514	21.077	ng/ul	100
57) 2,4-Dinitrotoluene	14.869	165	349505	21.583	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.127	232	281026	20.874	ng/ul	100
59) Diethylphthalate	15.316	149	1257280	21.047	ng/ul	100
61) Fluorene	15.539	166	1142277	21.097	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.533	204	570656	21.265	ng/ul	100
63) 4-Nitroaniline	15.580	138	188655m	22.961	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.639	198	197390	20.281	ng/ul	100
67) N-Nitrosodiphenylamine	15.757	169	956270	21.069	ng/ul	100
68) 4-Bromophenyl-phenylether	16.433	248	342458	20.814	ng/ul	100
69) Hexachlorobenzene	16.545	284	396575	20.981	ng/ul	100
70) Atrazine	16.710	200	361357	21.456	ng/ul	100
71) Pentachlorophenol	16.898	266	221722	20.066	ng/ul	100
72) Phenanthrene	17.286	178	1772203	20.955	ng/ul	100
74) Anthracene	17.380	178	1798913	21.203	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.286	216	468061	20.631	ng/ul	100
76) Pentachlorobenzene	14.810	250	468361	20.974	ng/ul	100
77) Carbazole	17.657	167	1604009	21.275	ng/ul	100
78) Di-n-butylphthalate	18.215	149	2268576	21.274	ng/ul	100
80) Fluoranthene	19.304	202	2066013	20.799	ng/ul	100
82) Pyrene	19.668	202	2143030	20.841	ng/ul	100
83) Butylbenzylphthalate	20.568	149	1013067	20.872	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.356	252	645045	22.808	ng/ul	100
85) Benzo(a)anthracene	21.421	228	1942439	21.058	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.345	149	1533622	21.246	ng/ul	100
87) Chrysene	21.474	228	1852235	21.051	ng/ul	100
89) Di-n-octyl phthalate	22.262	149	2514453	21.104	ng/ul	100
90) Benzo(b)fluoranthene	23.086	252	1749682	20.970	ng/ul	100
91) Benzo(k)fluoranthene	23.133	252	1733858	21.159	ng/ul	100
93) Benzo(a)pyrene	23.703	252	1466969	20.858	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.268	276	1577316	20.389	ng/ul	100
95) Dibenzo(a,h)anthracene	26.280	278	1315859	20.515	ng/ul	100
96) Benzo(g,h,i)perylene	27.021	276	1247665	20.246	ng/ul	100

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

