

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
 Data File : BM038915.D
 Acq On : 08 Mar 2023 03:48
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020104

Quant Time: Mar 08 04:26:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 08 04:25:35 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/08/2023
 Supervised By :Jagrut Upadhyay 03/08/2023

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 Upadhyay
 03/08/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	265698	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1199114	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	752239	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	1615283	20.000	ng/u1	0.00
79) Chrysene-d12	21.556	240	1643440	20.000	ng/u1	0.00
88) Perylene-d12	24.003	264	1906477	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	54758	7.696	ng/uL	0.00
4) Pyridine-d5	3.799	84	390683	19.970	ng/u1	0.00
7) Phenol-d5	7.151	99	465909	18.704	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	293836	18.462	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	364116	19.617	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	363594	18.528	ng/u1	0.00
21) Nitrobenzene-d5	9.163	128	179765	21.355	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	179492	22.755	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	356074	19.426	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	553977	18.132	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	1066655	18.308	ng/u1	0.00
49) Acenaphthylene-d8	14.327	160	1275374	18.729	ng/u1	0.00
54) 4-Nitrophenol-d4	14.816	143	218580	18.741	ng/u1	0.00
60) Fluorene-d10	15.627	176	960274	18.688	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	149501	17.803	ng/u1	0.00
73) Anthracene-d10	17.480	188	1495414	18.775	ng/u1	0.00
81) Pyrene-d10	19.762	212	1739044	19.239	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.844	264	1877965	19.547	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	59560	7.789	ng/uL	99
5) Pyridine	3.822	79	411760	19.551	ng/u1	98
6) Benzaldehyde	7.134	77	274034	22.715	ng/u1	97
8) Phenol	7.175	94	496578	18.625	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.416	93	399568	18.825	ng/u1	100
12) 2-Chlorophenol	7.557	128	378245	19.785	ng/u1	97
13) 2-Methylphenol	8.440	108	368126	18.471	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.540	45	493314	18.513	ng/u1	99
16) Acetophenone	8.828	105	624281	18.304	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.810	70	298802	19.075	ng/u1	99
18) 4-Methylphenol	8.769	108	411577	18.599	ng/u1	97
19) Hexachloroethane	9.092	117	153858	20.088	ng/u1	98
22) Nitrobenzene	9.210	77	454894	19.752	ng/u1	98
23) Isophorone	9.734	82	860058	18.360	ng/u1	100
25) 2-Nitrophenol	9.922	139	202047	21.600	ng/u1	98
26) 2,4-Dimethylphenol	9.981	107	439161	19.110	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.222	93	537799	18.708	ng/u1	98
29) 2,4-Dichlorophenol	10.457	162	354672	19.088	ng/u1	99
30) Naphthalene	10.863	128	1297408	18.961	ng/u1	100
32) 4-Chloroaniline	10.975	127	557767	18.031	ng/u1	99
33) Hexachlorobutadiene	11.157	225	215345	18.627	ng/u1	98
34) Caprolactam	11.733	113	110406m	17.328	ng/u1	
35) 4-Chloro-3-methylphenol	12.086	107	403492	19.208	ng/u1	99
36) 2-Methylnaphthalene	12.469	142	841040	18.831	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.686	142	843170	18.737	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.833	216	423944	18.841	ng/u1	98
40) Hexachlorocyclopentadiene	12.816	237	231932	19.105	ng/u1	95
41) 2,4,6-Trichlorophenol	13.069	196	279434	19.688	ng/u1	97
42) 2,4,5-Trichlorophenol	13.139	196	304357	19.484	ng/u1	98
43) 1,1'-Biphenyl	13.475	154	1130279	19.050	ng/u1	99
44) 2-Chloronaphthalene	13.516	162	890912	19.037	ng/u1	100
45) 2-Nitroaniline	13.716	65	238425	22.576	ng/u1	99
47) Dimethylphthalate	14.092	163	1080291	18.296	ng/u1	99
48) 2,6-Dinitrotoluene	14.210	165	194707	20.839	ng/u1	99
50) Acenaphthylene	14.357	152	1415749	18.746	ng/u1	99
51) 3-Nitroaniline	14.533	138	228508	19.486	ng/u1	97
52) Acenaphthene	14.698	153	968256	18.625	ng/u1	99
53) 2,4-Dinitrophenol	14.739	184	88467	16.655	ng/u1	95
55) 4-Nitrophenol	14.833	109	177827	19.088	ng/u1	98
56) Dibenzofuran	15.033	168	1369725	18.979	ng/u1	98
57) 2,4-Dinitrotoluene	14.992	165	293766	20.339	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	15.257	232	264164	19.424	ng/u1	97
59) Diethylphthalate	15.457	149	1083120	18.538	ng/u1	99
61) Fluorene	15.680	166	1139515	18.831	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.674	204	543399	18.601	ng/u1	97
63) 4-Nitroaniline	15.692	138	247237	20.384	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.751	198	154197	17.743	ng/u1	94
67) N-Nitrosodiphenylamine	15.886	169	929451	19.025	ng/u1	99
68) 4-Bromophenyl-phenylether	16.568	248	303793	18.273	ng/u1	99
69) Hexachlorobenzene	16.680	284	368101	18.280	ng/u1	97
70) Atrazine	16.839	200	305480	18.483	ng/u1	99
71) Pentachlorophenol	17.027	266	223662	18.267	ng/u1	99
72) Phenanthrene	17.421	178	1756829	18.824	ng/u1	100
74) Anthracene	17.510	178	1797618	18.917	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.439	216	436705	19.184	ng/u1	99
76) Pentachlorobenzene	14.951	250	440579	18.836	ng/u1	99
77) Carbazole	17.780	167	1643781	18.628	ng/u1	100
78) Di-n-butylphthalate	18.351	149	1801830	20.070	ng/u1	100
80) Fluoranthene	19.433	202	1983513	19.080	ng/u1	99
82) Pyrene	19.792	202	2164982	18.992	ng/u1	100
83) Butylbenzylphthalate	20.692	149	791633	26.135	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.474	252	652980	20.277	ng/u1	99
85) Benzo(a)anthracene	21.539	228	2213845	19.496	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.468	149	1218911	24.206	ng/u1	99
87) Chrysene	21.592	228	2120029	19.092	ng/u1	100
89) Di-n-octyl phthalate	22.415	149	2052735	21.414	ng/u1	100
90) Benzo(b)fluoranthene	23.256	252	2322596	19.621	ng/u1	99
91) Benzo(k)fluoranthene	23.309	252	2360280	19.411	ng/u1	99
93) Benzo(a)pyrene	23.897	252	2115848	19.296	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.562	276	2669301	18.415	ng/u1	99
95) Dibenzo(a,h)anthracene	26.580	278	2257874	18.464	ng/u1	99
96) Benzo(g,h,i)perylene	27.344	276	2121043	17.871	ng/u1	99

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

