

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030123\
 Data File : BM038827.D
 Acq On : 01 Mar 2023 15:53
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020097

Quant Time: Mar 02 01:08:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 01 02:09:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/02/2023
 Supervised By :Jagrut Upadhyay 03/03/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	236351	20.000	ng/u1	0.00
20) Naphthalene-d8	10.828	136	1072255	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.645	164	687389	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.392	188	1500742	20.000	ng/u1	0.00
79) Chrysene-d12	21.568	240	1529091	20.000	ng/u1	0.00
88) Perylene-d12	24.027	264	1727647	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	51337	8.111	ng/uL	0.00
4) Pyridine-d5	3.805	84	341236	19.608	ng/u1	0.00
7) Phenol-d5	7.157	99	427806	19.307	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	282413	19.947	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	340325	20.611	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	336709	19.288	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	160561	21.330	ng/u1	0.00
24) 2-Nitrophenol-d4	9.904	143	149380	21.178	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.439	165	329794	20.121	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	523726	19.170	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	1067526	20.051	ng/u1	0.00
49) Acenaphthylene-d8	14.339	160	1261764	20.277	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	207350	19.455	ng/u1	0.00
60) Fluorene-d10	15.639	176	958175	20.406	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	142802	18.303	ng/u1	0.00
73) Anthracene-d10	17.486	188	1497543	20.237	ng/u1	0.00
81) Pyrene-d10	19.774	212	1731001	20.582	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.868	264	1830652	21.027	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.416	88	55316	8.132	ng/uL	99
5) Pyridine	3.822	79	370974	19.801	ng/u1	99
6) Benzaldehyde	7.140	77	262240	24.436	ng/u1	98
8) Phenol	7.187	94	463860	19.559	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.428	93	375837	19.905	ng/u1	100
12) 2-Chlorophenol	7.569	128	350867	20.632	ng/u1	98
13) 2-Methylphenol	8.451	108	339117	19.129	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.545	45	463077	19.537	ng/u1	99
16) Acetophenone	8.834	105	602597	19.862	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.822	70	287728	20.649	ng/u1	99
18) 4-Methylphenol	8.775	108	388282	19.725	ng/u1	98
19) Hexachloroethane	9.104	117	143156	21.012	ng/u1	98
22) Nitrobenzene	9.216	77	422315	20.507	ng/u1	99
23) Isophorone	9.745	82	832431	19.872	ng/u1	99
25) 2-Nitrophenol	9.934	139	181057	21.646	ng/u1	97
26) 2,4-Dimethylphenol	9.992	107	416907	20.288	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.234	93	510208	19.848	ng/u1	99
29) 2,4-Dichlorophenol	10.463	162	339180	20.414	ng/u1	98
30) Naphthalene	10.875	128	1242015	20.299	ng/u1	100
32) 4-Chloroaniline	10.981	127	538972	19.485	ng/u1	99
33) Hexachlorobutadiene	11.169	225	209406	20.256	ng/u1	98
34) Caprolactam	11.739	113	104794m	18.393	ng/u1	
35) 4-Chloro-3-methylphenol	12.098	107	376822	20.061	ng/u1	99
36) 2-Methylnaphthalene	12.480	142	815709	20.425	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030123\
 Data File : BM038827.D
 Acq On : 01 Mar 2023 15:53
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020097

Quant Time: Mar 02 01:08:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 01 02:09:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/02/2023
 Supervised By :Jagrut Upadhyay 03/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.698	142	814759	20.248	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.845	216	415871	20.226	ng/u1	100
40) Hexachlorocyclopentadiene	12.827	237	214775	19.361	ng/u1	98
41) 2,4,6-Trichlorophenol	13.080	196	264776	20.416	ng/u1	97
42) 2,4,5-Trichlorophenol	13.145	196	292097	20.464	ng/u1	98
43) 1,1'-Biphenyl	13.486	154	1102869	20.341	ng/u1	100
44) 2-Chloronaphthalene	13.527	162	873165	20.418	ng/u1	98
45) 2-Nitroaniline	13.722	65	206366	21.384	ng/u1	98
47) Dimethylphthalate	14.104	163	1084725	20.104	ng/u1	99
48) 2,6-Dinitrotoluene	14.222	165	182805	21.411	ng/u1	99
50) Acenaphthylene	14.369	152	1402256	20.319	ng/u1	99
51) 3-Nitroaniline	14.545	138	210296	19.625	ng/u1	94
52) Acenaphthene	14.710	153	961686	20.244	ng/u1	99
53) 2,4-Dinitrophenol	14.745	184	81293	16.749	ng/u1	96
55) 4-Nitrophenol	14.839	109	169334	19.891	ng/u1	98
56) Dibenzofuran	15.045	168	1354806	20.543	ng/u1	98
57) 2,4-Dinitrotoluene	14.998	165	280405	21.246	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.263	232	256077	20.606	ng/u1	97
59) Diethylphthalate	15.468	149	1093180	20.475	ng/u1	99
61) Fluorene	15.692	166	1132043	20.473	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.686	204	542676	20.329	ng/u1	98
63) 4-Nitroaniline	15.704	138	232936	21.017	ng/u1	97
66) 4,6-Dinitro-2-methylph...	15.757	198	150106	18.590	ng/u1	96
67) N-Nitrosodiphenylamine	15.898	169	923928	20.355	ng/u1	100
68) 4-Bromophenyl-phenylether	16.580	248	308254	19.956	ng/u1	99
69) Hexachlorobenzene	16.692	284	374094	19.995	ng/u1	99
70) Atrazine	16.851	200	299967	19.535	ng/u1	98
71) Pentachlorophenol	17.033	266	211614	18.602	ng/u1	99
72) Phenanthrene	17.433	178	1745503	20.130	ng/u1	100
74) Anthracene	17.521	178	1799040	20.377	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.451	216	432634	20.456	ng/uL	99
76) Pentachlorobenzene	14.963	250	443942	20.428	ng/uL	99
77) Carbazole	17.792	167	1643422	20.045	ng/u1	99
78) Di-n-butylphthalate	18.362	149	1744043	20.909	ng/u1	100
80) Fluoranthene	19.445	202	2003862	20.717	ng/u1	100
82) Pyrene	19.803	202	2188936	20.638	ng/u1	100
83) Butylbenzylphthalate	20.709	149	646221	22.929	ng/u1	97
84) 3,3'-Dichlorobenzidine	21.486	252	596999	19.925	ng/u1	99
85) Benzo(a)anthracene	21.556	228	2171386	20.552	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.492	149	1089035	23.244	ng/u1	99
87) Chrysene	21.609	228	2118211	20.502	ng/u1	99
89) Di-n-octyl phthalate	22.445	149	1700695	19.578	ng/u1	100
90) Benzo(b)fluoranthene	23.280	252	2305602	21.493	ng/u1	99
91) Benzo(k)fluoranthene	23.327	252	2274739	20.644	ng/u1	100
93) Benzo(a)pyrene	23.921	252	2090562	21.038	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.597	276	2757197	20.991	ng/u1	100
95) Dibenzo(a,h)anthracene	26.615	278	2323337	20.966	ng/u1	99
96) Benzo(g,h,i)perylene	27.379	276	2283378	21.230	ng/u1	98

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

