

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010923\
 Data File : BM038414.D
 Acq On : 09 Jan 2023 15:50
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020089

Quant Time: Jan 10 01:14:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010423.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 05 02:11:50 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023
 Supervised By :Yogesh Patel 01/11/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	64113	20.000	ng/u1	0.00
20) Naphthalene-d8	10.804	136	265328	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.627	164	179413	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	434058	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	479368	20.000	ng/u1	0.00
88) Perylene-d12	23.974	264	554433	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	16340	8.265	ng/uL	0.00
4) Pyridine-d5	3.793	84	113561	19.854	ng/u1	0.00
7) Phenol-d5	7.151	99	113216	19.385	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.316	67	83700	19.921	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.516	132	82805	19.787	ng/u1	-0.01
15) 4-Methylphenol-d8	8.704	113	86018	19.079	ng/u1	-0.01
21) Nitrobenzene-d5	9.163	128	39047	18.758	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.887	143	49219	20.848	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.422	165	90370	19.822	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.945	131	112323	17.854	ng/u1	-0.01
46) Dimethylphthalate-d6	14.033	166	257053	18.918	ng/u1	-0.01
49) Acenaphthylene-d8	14.322	160	294661	18.609	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	43131m	17.633	ng/u1	-0.01
60) Fluorene-d10	15.616	176	231915	18.769	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	53139	16.892	ng/u1	0.00
73) Anthracene-d10	17.468	188	379763	18.137	ng/u1	0.00
81) Pyrene-d10	19.757	212	477211	17.890	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.815	264	506976	18.411	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	17176	8.137	ng/uL	91
5) Pyridine	3.810	79	123656	20.466	ng/u1	100
6) Benzaldehyde	7.128	77	54138	22.546	ng/u1	99
8) Phenol	7.175	94	120512	19.558	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.410	93	97401	19.742	ng/u1	96
12) 2-Chlorophenol	7.551	128	85985	19.896	ng/u1	100
13) 2-Methylphenol	8.440	108	83651	19.007	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.516	45	152056m	19.431	ng/u1	
16) Acetophenone	8.822	105	149776	18.774	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.804	70	89273	20.772	ng/u1	95
18) 4-Methylphenol	8.769	108	89970	18.790	ng/u1	89
19) Hexachloroethane	9.069	117	40385	20.067	ng/u1	98
22) Nitrobenzene	9.204	77	130224	18.967	ng/u1	97
23) Isophorone	9.734	82	246440	20.937	ng/u1	99
25) 2-Nitrophenol	9.916	139	51907	21.108	ng/u1	94
26) 2,4-Dimethylphenol	9.975	107	119715	20.824	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.210	93	146842	21.803	ng/u1	99
29) 2,4-Dichlorophenol	10.451	162	86351	19.479	ng/u1	98
30) Naphthalene	10.857	128	265899	18.788	ng/u1	99
32) 4-Chloroaniline	10.975	127	116107	18.112	ng/u1	98
33) Hexachlorobutadiene	11.128	225	64413	19.516	ng/u1	98
34) Caprolactam	11.757	113	23054m	18.219	ng/u1	
35) 4-Chloro-3-methylphenol	12.086	107	93378	19.796	ng/u1	99
36) 2-Methylnaphthalene	12.457	142	175954	19.073	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.675	142	183751	19.252	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.822	216	119374	18.819	ng/ul	99
40) Hexachlorocyclopentadiene	12.792	237	72958	16.285	ng/ul	98
41) 2,4,6-Trichlorophenol	13.063	196	73607	18.695	ng/ul	99
42) 2,4,5-Trichlorophenol	13.139	196	81134	19.228	ng/ul	97
43) 1,1'-Biphenyl	13.463	154	251580	18.551	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	204342	18.453	ng/ul	99
45) 2-Nitroaniline	13.716	65	70958	19.156	ng/ul	98
47) Dimethylphthalate	14.086	163	258480	18.747	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	49396	18.815	ng/ul	94
50) Acenaphthylene	14.351	152	306246	18.231	ng/ul	97
51) 3-Nitroaniline	14.539	138	40306	16.673	ng/ul	94
52) Acenaphthene	14.692	153	222085	18.683	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	32936	16.780	ng/ul	96
55) 4-Nitrophenol	14.845	109	47738	18.645	ng/ul	98
56) Dibenzofuran	15.022	168	314071	18.591	ng/ul	98
57) 2,4-Dinitrotoluene	14.998	165	75060	19.542	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.251	232	72267	19.174	ng/ul	99
59) Diethylphthalate	15.439	149	274031	19.175	ng/ul	100
61) Fluorene	15.674	166	268310	18.499	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.663	204	144370	18.913	ng/ul	98
63) 4-Nitroaniline	15.698	138	41780	18.061	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.757	198	51529	17.094	ng/ul	99
67) N-Nitrosodiphenylamine	15.880	169	223372	18.048	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	86306	18.769	ng/ul	96
69) Hexachlorobenzene	16.668	284	97032	18.295	ng/ul	99
70) Atrazine	16.827	200	88389	17.278	ng/ul	99
71) Pentachlorophenol	17.016	266	57144	16.325	ng/ul	99
72) Phenanthrene	17.410	178	430585	18.181	ng/ul	99
74) Anthracene	17.504	178	444313	18.244	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.428	216	114961	17.548	ng/uL	97
76) Pentachlorobenzene	14.939	250	113937	18.049	ng/uL	97
77) Carbazole	17.774	167	380434	17.037	ng/ul	99
78) Di-n-butylphthalate	18.327	149	493796	18.509	ng/ul	99
80) Fluoranthene	19.421	202	537211	17.807	ng/ul	98
82) Pyrene	19.786	202	585154	17.798	ng/ul	96
83) Butylbenzylphthalate	20.668	149	233212	18.496	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.462	252	179145	17.921	ng/ul	99
85) Benzo(a)anthracene	21.527	228	625615	18.338	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	356588	18.321	ng/ul	100
87) Chrysene	21.580	228	601230	18.345	ng/ul	99
89) Di-n-octyl phthalate	22.368	149	654100	16.491	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	658030	18.759	ng/ul	98
91) Benzo(k)fluoranthene	23.280	252	643931	18.280	ng/ul	99
93) Benzo(a)pyrene	23.868	252	582862	18.359	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.515	276	738637	18.307	ng/ul	99
95) Dibenzo(a,h)anthracene	26.527	278	613321	18.215	ng/ul	99
96) Benzo(g,h,i)perylene	27.297	276	601058	18.194	ng/ul	99

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

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