

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
 Data File : BN023945.D
 Acq On : 03 Feb 2023 16:24
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020251

Quant Time: Feb 03 23:00:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 03 23:00:39 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2023
 Supervised By :mohammad ahmed 02/06/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	154763	20.000	ng/ul	0.00
20) Naphthalene-d8	10.657	136	665957	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	432176	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	930113	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	801544	20.000	ng/ul	0.00
88) Perylene-d12	23.827	264	710983	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	29290	7.638	ng/uL	0.00
4) Pyridine-d5	3.664	84	222416	20.760	ng/ul	0.00
7) Phenol-d5	7.016	99	271156	20.064	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	176027	20.609	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	217654	20.597	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	219758	20.498	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	107961	19.981	ng/ul	0.00
24) 2-Nitrophenol-d4	9.740	143	123409	20.073	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	233827	20.369	ng/ul	0.00
31) 4-Chloroaniline-d4	10.798	131	314118	20.058	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	701653	20.336	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	775204	20.769	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	115799	18.511	ng/ul	0.00
60) Fluorene-d10	15.492	176	582428	20.135	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	118380	17.986	ng/ul	0.00
73) Anthracene-d10	17.351	188	881978	20.368	ng/ul	0.00
81) Pyrene-d10	19.645	212	1016400	20.886	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.668	264	794516	21.531	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	31561	7.990	ng/uL#	83
5) Pyridine	3.681	79	218931	20.336	ng/ul	98
6) Benzaldehyde	6.987	77	122229	20.799	ng/ul	99
8) Phenol	7.046	94	275382	20.269	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.275	93	229468	20.731	ng/ul	100
12) 2-Chlorophenol	7.410	128	218892	20.470	ng/ul	99
13) 2-Methylphenol	8.299	108	208862	20.261	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.381	45	293223	20.745	ng/ul	99
16) Acetophenone	8.681	105	346688	20.880	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.663	70	191768	21.039	ng/ul	100
18) 4-Methylphenol	8.634	108	234727	21.022	ng/ul	96
19) Hexachloroethane	8.928	117	93506	20.879	ng/ul	96
22) Nitrobenzene	9.057	77	279865	20.632	ng/ul	96
23) Isophorone	9.587	82	518818	20.265	ng/ul	99
25) 2-Nitrophenol	9.769	139	130197	20.393	ng/ul	97
26) 2,4-Dimethylphenol	9.834	107	263695	20.857	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.075	93	321311	20.543	ng/ul	100
29) 2,4-Dichlorophenol	10.304	162	227629	20.549	ng/ul	99
30) Naphthalene	10.704	128	732164	20.301	ng/ul	99
32) 4-Chloroaniline	10.828	127	317113	20.346	ng/ul	100
33) Hexachlorobutadiene	10.987	225	164298	21.166	ng/ul	99
34) Caprolactam	11.610	113	65102m	18.807	ng/ul	
35) 4-Chloro-3-methylphenol	11.951	107	242288	20.405	ng/ul	99
36) 2-Methylnaphthalene	12.322	142	511906	20.889	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	514905	20.538	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.687	216	313037	21.081	ng/ul	99
40) Hexachlorocyclopentadiene	12.663	237	198785	18.594	ng/ul	97
41) 2,4,6-Trichlorophenol	12.934	196	196496	20.055	ng/ul	95
42) 2,4,5-Trichlorophenol	13.004	196	218612	20.599	ng/ul	98
43) 1,1'-Biphenyl	13.334	154	703139	20.646	ng/ul	97
44) 2-Chloronaphthalene	13.375	162	553938	20.904	ng/ul	100
45) 2-Nitroaniline	13.587	65	160336	20.151	ng/ul	100
47) Dimethylphthalate	13.963	163	704681	20.579	ng/ul	99
48) 2,6-Dinitrotoluene	14.086	165	136627	20.125	ng/ul	100
50) Acenaphthylene	14.222	152	825051	20.581	ng/ul	99
51) 3-Nitroaniline	14.416	138	117915	19.295	ng/ul	96
52) Acenaphthene	14.569	153	569227	20.455	ng/ul	97
53) 2,4-Dinitrophenol	14.622	184	70685	14.811	ng/ul	98
55) 4-Nitrophenol	14.728	109	103157	19.398	ng/ul	98
56) Dibenzofuran	14.898	168	815896	20.552	ng/ul	95
57) 2,4-Dinitrotoluene	14.875	165	195835	20.388	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.128	232	184584	19.503	ng/ul	97
59) Diethylphthalate	15.328	149	677852	19.922	ng/ul	97
61) Fluorene	15.551	166	663594	20.440	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.545	204	357603	20.996	ng/ul	99
63) 4-Nitroaniline	15.581	138	100592m	18.136	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.633	198	118181	18.650	ng/ul#	98
67) N-Nitrosodiphenylamine	15.763	169	559801	20.844	ng/ul	97
68) 4-Bromophenyl-phenylether	16.439	248	232397	21.334	ng/ul	97
69) Hexachlorobenzene	16.551	284	258013	20.501	ng/ul	94
70) Atrazine	16.716	200	216037	20.020	ng/ul	98
71) Pentachlorophenol	16.898	266	149751	18.585	ng/ul	93
72) Phenanthrene	17.292	178	1032888	20.619	ng/ul	99
74) Anthracene	17.380	178	1032660	20.683	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.298	216	306172	21.396	ng/uL	95
76) Pentachlorobenzene	14.822	250	312830	21.921	ng/uL	97
77) Carbazole	17.657	167	888507	20.308	ng/ul	100
78) Di-n-butylphthalate	18.222	149	1125898	12.006	ng/ul	99
80) Fluoranthene	19.310	202	1192432	20.989	ng/ul	98
82) Pyrene	19.674	202	1200038	20.767	ng/ul	100
83) Butylbenzylphthalate	20.574	149	462702	19.200	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.357	252	354380	18.824	ng/ul	94
85) Benzo(a)anthracene	21.421	228	1116609	20.102	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.351	149	688237	19.358	ng/ul	99
87) Chrysene	21.474	228	1049096	20.469	ng/ul	97
89) Di-n-octyl phthalate	22.274	149	1071123	20.029	ng/ul	100
90) Benzo(b)fluoranthene	23.098	252	1048199	21.377	ng/ul	98
91) Benzo(k)fluoranthene	23.145	252	961300	20.760	ng/ul	95
93) Benzo(a)pyrene	23.715	252	875080	21.212	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.280	276	1039131	20.874	ng/ul	97
95) Dibenzo(a,h)anthracene	26.309	278	874202	21.234	ng/ul	96
96) Benzo(g,h,i)perylene	27.039	276	842910	21.504	ng/ul	97

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

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