

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
 Data File : BN021784.D
 Acq On : 16 Sep 2022 12:13
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020338

Quant Time: Sep 17 00:19:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 17 00:17:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2022
 Supervised By :mohammad ahmed 09/19/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	194972	20.000	ng/u1	0.00
20) Naphthalene-d8	10.875	136	896809	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.704	164	565797	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	1152630	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	1012203	20.000	ng/u1	# 0.00
88) Perylene-d12	24.157	264	967374	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	39048	7.520	ng/uL	0.00
4) Pyridine-d5	3.787	84	271394	19.176	ng/u1	0.00
7) Phenol-d5	7.199	99	344391	19.475	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	220279	20.579	ng/u1	0.00
11) 2-Chlorophenol-d4	7.569	132	266179	20.689	ng/u1	0.00
15) 4-Methylphenol-d8	8.763	113	282421	20.355	ng/u1	0.00
21) Nitrobenzene-d5	9.222	128	136427	22.328	ng/u1	0.00
24) 2-Nitrophenol-d4	9.951	143	142392	26.091	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	272345	22.533	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	407310	19.843	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	794635	20.548	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	928678	20.599	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	147466	19.163	ng/u1	0.00
60) Fluorene-d10	15.698	176	668658	19.871	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	102281	22.185	ng/u1	0.00
73) Anthracene-d10	17.557	188	1034318	20.363	ng/u1	0.00
81) Pyrene-d10	19.851	212	1139753	23.677	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.992	264	954677	20.821	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	41477	7.755	ng/uL	93
5) Pyridine	3.811	79	277079	19.457	ng/u1	88
6) Benzaldehyde	7.175	77	194093	25.262	ng/u1	93
8) Phenol	7.228	94	360495	19.728	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.463	93	297846	20.442	ng/u1	96
12) 2-Chlorophenol	7.605	128	279712	20.266	ng/u1	97
13) 2-Methylphenol	8.493	108	274907	19.800	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.581	45	389013	21.167	ng/u1	97
16) Acetophenone	8.881	105	439909	20.046	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.863	70	229272	20.982	ng/u1	94
18) 4-Methylphenol	8.828	108	306583	20.102	ng/u1	99
19) Hexachloroethane	9.140	117	111110	20.197	ng/u1	90
22) Nitrobenzene	9.269	77	331074	21.988	ng/u1	95
23) Isophorone	9.793	82	645191	20.809	ng/u1	99
25) 2-Nitrophenol	9.987	139	163426	25.564	ng/u1	91
26) 2,4-Dimethylphenol	10.040	107	332204	20.985	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.281	93	419141	21.587	ng/u1	99
29) 2,4-Dichlorophenol	10.522	162	274202	21.653	ng/u1	97
30) Naphthalene	10.928	128	944036	20.216	ng/u1	100
32) 4-Chloroaniline	11.040	127	415712	19.543	ng/u1	100
33) Hexachlorobutadiene	11.210	225	149205	20.452	ng/u1	97
34) Caprolactam	11.816	113	90747	18.734	ng/u1	83
35) 4-Chloro-3-methylphenol	12.163	107	316309	22.163	ng/u1	98
36) 2-Methylnaphthalene	12.540	142	643936	20.385	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.757	142	645876	20.345	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.898	216	298906	20.602	ng/ul	95
40) Hexachlorocyclopentadiene	12.875	237	169788	19.656	ng/ul	99
41) 2,4,6-Trichlorophenol	13.140	196	210893	23.427	ng/ul	96
42) 2,4,5-Trichlorophenol	13.210	196	229171	23.202	ng/ul	95
43) 1,1'-Biphenyl	13.540	154	855137	20.682	ng/ul	98
44) 2-Chloronaphthalene	13.587	162	650891	20.562	ng/ul	100
45) 2-Nitroaniline	13.792	65	191378	24.105	ng/ul	88
47) Dimethylphthalate	14.163	163	824166	20.835	ng/ul	100
48) 2,6-Dinitrotoluene	14.287	165	162915	24.006	ng/ul	96
50) Acenaphthylene	14.428	152	1061661	20.399	ng/ul	98
51) 3-Nitroaniline	14.616	138	175775	23.250	ng/ul	100
52) Acenaphthene	14.769	153	685224	20.376	ng/ul	98
53) 2,4-Dinitrophenol	14.816	184	55746	16.780	ng/ul	98
55) 4-Nitrophenol	14.916	109	114369	18.540	ng/ul	91
56) Dibenzofuran	15.104	168	982564	20.336	ng/ul	99
57) 2,4-Dinitrotoluene	15.069	165	233738	23.715	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.328	232	173855	22.932	ng/ul	91
59) Diethylphthalate	15.516	149	837159	20.986	ng/ul	97
61) Fluorene	15.751	166	756544	19.853	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.745	204	362506	20.636	ng/ul	97
63) 4-Nitroaniline	15.775	138	164200	21.642	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.828	198	107893	22.090	ng/ul	93
67) N-Nitrosodiphenylamine	15.957	169	675849	20.921	ng/ul	97
68) 4-Bromophenyl-phenylether	16.639	248	216113	21.082	ng/ul	95
69) Hexachlorobenzene	16.757	284	251215	20.587	ng/ul	95
70) Atrazine	16.910	200	233808	20.453	ng/ul	98
71) Pentachlorophenol	17.098	266	145426	21.406	ng/ul	97
72) Phenanthrene	17.498	178	1241600	20.393	ng/ul	100
74) Anthracene	17.592	178	1219216	20.111	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.504	216	315517	21.507	ng/uL	100
76) Pentachlorobenzene	15.022	250	296359	21.206	ng/uL	97
77) Carbazole	17.863	167	1158446	20.221	ng/ul	98
78) Di-n-butylphthalate	18.416	149	1452900	22.494	ng/ul	99
80) Fluoranthene	19.510	202	1381887	23.800	ng/ul#	93
82) Pyrene	19.875	202	1415537	23.391	ng/ul#	89
83) Butylbenzylphthalate	20.769	149	655409	28.614	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.563	252	408889	21.186	ng/ul#	97
85) Benzo(a)anthracene	21.627	228	1247242	20.465	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.545	149	962654	27.450	ng/ul	98
87) Chrysene	21.686	228	1254427	21.259	ng/ul	99
89) Di-n-octyl phthalate	22.498	149	1667775	29.432	ng/ul	100
90) Benzo(b)fluoranthene	23.386	252	1279852	21.746	ng/ul	98
91) Benzo(k)fluoranthene	23.433	252	1136893m	21.595	ng/ul	
93) Benzo(a)pyrene	24.045	252	1165074	20.690	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.798	276	1187172	17.173	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.809	278	1043313	17.883	ng/ul	97
96) Benzo(g,h,i)perylene	27.615	276	985233m	16.332	ng/ul	

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

