

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061122\
 Data File : BN020110.D
 Acq On : 10 Jun 2022 20:57
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020316

Quant Time: Jun 10 22:46:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 06 15:14:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2022
 Supervised By :mohammad ahmed 06/14/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	167488	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	787726	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	511727	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	1050792	20.000	ng/u1	0.00
79) Chrysene-d12	21.375	240	951215	20.000	ng/u1	0.00
88) Perylene-d12	23.698	264	871386	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	28837	7.457	ng/uL	0.00
4) Pyridine-d5	3.687	84	205150	19.410	ng/u1	0.00
7) Phenol-d5	6.987	99	271449	19.586	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	173662	20.056	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	228368	20.280	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	241996	20.182	ng/u1	0.00
21) Nitrobenzene-d5	8.969	128	118448	19.765	ng/u1	0.00
24) 2-Nitrophenol-d4	9.693	143	131110	20.615	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	224384	20.209	ng/u1	0.00
31) 4-Chloroaniline-d4	10.740	131	354978	19.743	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	716039	19.231	ng/u1	0.00
49) Acenaphthylene-d8	14.140	160	867900	20.100	ng/u1	0.00
54) 4-Nitrophenol-d4	14.645	143	140942	18.890	ng/u1	0.00
60) Fluorene-d10	15.440	176	615918	19.990	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	111172	18.264	ng/u1	0.00
73) Anthracene-d10	17.286	188	940799	20.515	ng/u1	0.00
81) Pyrene-d10	19.580	212	1060376	20.563	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.551	264	870463	20.417	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	29709	7.278	ng/uL	93
5) Pyridine	3.705	79	218364	19.707	ng/u1	94
6) Benzaldehyde	6.958	77	165123	25.286	ng/u1	93
8) Phenol	7.016	94	296790	20.111	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.240	93	232130	20.097	ng/u1	99
12) 2-Chlorophenol	7.381	128	239686	20.363	ng/u1	99
13) 2-Methylphenol	8.263	108	228697	20.158	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.352	45	361602	19.964	ng/u1	97
16) Acetophenone	8.634	105	374238	20.523	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.628	70	190367	20.437	ng/u1	94
18) 4-Methylphenol	8.587	108	256941	20.519	ng/u1	96
19) Hexachloroethane	8.899	117	93671	19.778	ng/u1	90
22) Nitrobenzene	9.010	77	272470	19.609	ng/u1	94
23) Isophorone	9.534	82	532088	19.394	ng/u1	98
25) 2-Nitrophenol	9.722	139	143136	20.367	ng/u1	98
26) 2,4-Dimethylphenol	9.787	107	290920	19.981	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.022	93	327071	19.481	ng/u1	98
29) 2,4-Dichlorophenol	10.257	162	235184	20.477	ng/u1	98
30) Naphthalene	10.657	128	808565	19.806	ng/u1	100
32) 4-Chloroaniline	10.763	127	358936	19.958	ng/u1	98
33) Hexachlorobutadiene	10.952	225	131057	19.875	ng/u1	96
34) Caprolactam	11.516	113	85250m	19.008	ng/u1	
35) 4-Chloro-3-methylphenol	11.893	107	277950	20.496	ng/u1	98
36) 2-Methylnaphthalene	12.269	142	556794	20.173	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	563828	20.018	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.646	216	260716	19.976	ng/ul	99
40) Hexachlorocyclopentadiene	12.628	237	143094	18.024	ng/ul	95
41) 2,4,6-Trichlorophenol	12.881	196	178874	19.877	ng/ul	98
42) 2,4,5-Trichlorophenol	12.951	196	203480	20.416	ng/ul	99
43) 1,1'-Biphenyl	13.281	154	747419	19.725	ng/ul	99
44) 2-Chloronaphthalene	13.322	162	571496	19.881	ng/ul	97
45) 2-Nitroaniline	13.522	65	183344	20.501	ng/ul	96
47) Dimethylphthalate	13.904	163	731484	19.515	ng/ul	98
48) 2,6-Dinitrotoluene	14.022	165	151657	20.694	ng/ul	95
50) Acenaphthylene	14.169	152	941656	19.697	ng/ul	99
51) 3-Nitroaniline	14.345	138	164825	21.274	ng/ul	98
52) Acenaphthene	14.510	153	610652	19.555	ng/ul	98
53) 2,4-Dinitrophenol	14.557	184	61498	13.107	ng/ul	99
55) 4-Nitrophenol	14.657	109	119942	18.833	ng/ul	98
56) Dibenzofuran	14.845	168	864451	19.649	ng/ul	97
57) 2,4-Dinitrotoluene	14.810	165	221601	20.422	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.075	232	155098	19.824	ng/ul	93
59) Diethylphthalate	15.269	149	740615	19.191	ng/ul	99
61) Fluorene	15.492	166	681291	19.901	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.487	204	307620	19.512	ng/ul	91
63) 4-Nitroaniline	15.504	138	157074m	21.696	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.575	198	113438	18.382	ng/ul	99
67) N-Nitrosodiphenylamine	15.698	169	609730	20.240	ng/ul	98
68) 4-Bromophenyl-phenylether	16.381	248	186056	20.332	ng/ul	92
69) Hexachlorobenzene	16.498	284	207835	19.758	ng/ul#	89
70) Atrazine	16.651	200	217151	20.660	ng/ul	97
71) Pentachlorophenol	16.839	266	113706	17.356	ng/ul	98
72) Phenanthrene	17.228	178	1115351	20.113	ng/ul	100
74) Anthracene	17.322	178	1108095	19.872	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.246	216	272057	19.334	ng/uL	100
76) Pentachlorobenzene	14.769	250	255604	20.553	ng/uL	93
77) Carbazole	17.586	167	1048230	20.664	ng/ul	97
78) Di-n-butylphthalate	18.157	149	1294477	20.579	ng/ul	100
80) Fluoranthene	19.245	202	1274839	20.469	ng/ul	96
82) Pyrene	19.610	202	1290909	20.203	ng/ul#	94
83) Butylbenzylphthalate	20.510	149	599552	20.850	ng/ul#	96
84) 3,3'-Dichlorobenzidine	21.292	252	368867	20.303	ng/ul#	97
85) Benzo(a)anthracene	21.357	228	1195914	19.910	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.298	149	868020	21.394	ng/ul	99
87) Chrysene	21.410	228	1162952	19.790	ng/ul	97
89) Di-n-octyl phthalate	22.198	149	1502542	21.186	ng/ul	100
90) Benzo(b)fluoranthene	22.998	252	1174199	21.470	ng/ul	98
91) Benzo(k)fluoranthene	23.045	252	1049916	20.167	ng/ul	97
93) Benzo(a)pyrene	23.598	252	1055737	19.943	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.086	276	1020040	18.728	ng/ul	92
95) Dibenzo(a,h)anthracene	26.110	278	855104	18.381	ng/ul	95
96) Benzo(g,h,i)perylene	26.827	276	839714	18.257	ng/ul#	91

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

