

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
 Data File : BN020183.D
 Acq On : 15 Jun 2022 20:08
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020322

Quant Time: Jun 16 01:12:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 16 00:50:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/16/2022
 Supervised By :mohammad ahmed 06/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	122352	20.000	ng/u1	0.00
20) Naphthalene-d8	10.586	136	607443	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.427	164	409304	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	868746	20.000	ng/u1	0.00
79) Chrysene-d12	21.351	240	781936	20.000	ng/u1	#-0.01
88) Perylene-d12	23.662	264	759907	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	22223	7.867	ng/uL	0.00
4) Pyridine-d5	3.669	84	144777	18.751	ng/u1	0.00
7) Phenol-d5	6.981	99	213301	21.068	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.128	67	130318	20.602	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	177413	21.567	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	194201	22.171	ng/u1	0.01
21) Nitrobenzene-d5	8.951	128	91731	19.850	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	101592	20.714	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	182142	21.274	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	286423	20.658	ng/u1	0.00
46) Dimethylphthalate-d6	13.839	166	586677	19.699	ng/u1	0.00
49) Acenaphthylene-d8	14.116	160	708285	20.508	ng/u1	0.00
54) 4-Nitrophenol-d4	14.645	143	112781	18.898	ng/u1	0.02
60) Fluorene-d10	15.416	176	507357	20.587	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	103338	20.535	ng/u1	0.00
73) Anthracene-d10	17.263	188	767161	20.234	ng/u1	0.00
81) Pyrene-d10	19.557	212	871843	20.567	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.521	264	772803	20.785	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	22446	7.527	ng/uL#	93
5) Pyridine	3.693	79	156386	19.320	ng/u1	94
6) Benzaldehyde	6.940	77	113029	23.694	ng/u1	94
8) Phenol	7.004	94	229307	21.270	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.222	93	173451	20.556	ng/u1	98
12) 2-Chlorophenol	7.363	128	182656	21.243	ng/u1	99
13) 2-Methylphenol	8.251	108	181624	21.914	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.334	45	277001	20.935	ng/u1	97
16) Acetophenone	8.616	105	293514	22.034	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.604	70	146465	21.524	ng/u1	92
18) 4-Methylphenol	8.575	108	202983	22.190	ng/u1	95
19) Hexachloroethane	8.875	117	68958	19.931	ng/u1	91
22) Nitrobenzene	8.992	77	211924	19.778	ng/u1	95
23) Isophorone	9.522	82	417594	19.738	ng/u1	99
25) 2-Nitrophenol	9.704	139	112442	20.748	ng/u1	99
26) 2,4-Dimethylphenol	9.775	107	234726	20.906	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.004	93	259689	20.058	ng/u1	97
29) 2,4-Dichlorophenol	10.245	162	190532	21.513	ng/u1	100
30) Naphthalene	10.634	128	632468	20.090	ng/u1	99
32) 4-Chloroaniline	10.745	127	287427	20.726	ng/u1	99
33) Hexachlorobutadiene	10.928	225	99555	19.579	ng/u1	98
34) Caprolactam	11.510	113	65534	18.949	ng/u1	96
35) 4-Chloro-3-methylphenol	11.886	107	233357	22.315	ng/u1	99
36) 2-Methylnaphthalene	12.251	142	442694	20.800	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.469	142	457103	21.046	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.622	216	206514	19.783	ng/ul	98
40) Hexachlorocyclopentadiene	12.604	237	116545	18.353	ng/ul	100
41) 2,4,6-Trichlorophenol	12.863	196	149567	20.779	ng/ul	99
42) 2,4,5-Trichlorophenol	12.945	196	167773	21.045	ng/ul	98
43) 1,1'-Biphenyl	13.263	154	610537	20.144	ng/ul	98
44) 2-Chloronaphthalene	13.298	162	462970	20.136	ng/ul	96
45) 2-Nitroaniline	13.504	65	143350	20.040	ng/ul	96
47) Dimethylphthalate	13.886	163	592870	19.775	ng/ul	100
48) 2,6-Dinitrotoluene	14.004	165	119032	20.306	ng/ul	95
50) Acenaphthylene	14.145	152	775843	20.290	ng/ul	100
51) 3-Nitroaniline	14.327	138	123528	19.933	ng/ul	93
52) Acenaphthene	14.492	153	502564	20.121	ng/ul	98
53) 2,4-Dinitrophenol	14.539	184	84591	22.540	ng/ul	96
55) 4-Nitrophenol	14.657	109	93008	18.258	ng/ul	98
56) Dibenzofuran	14.822	168	714979	20.318	ng/ul	98
57) 2,4-Dinitrotoluene	14.786	165	180365	20.781	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.057	232	131225	20.970	ng/ul	96
59) Diethylphthalate	15.251	149	612006	19.827	ng/ul	97
61) Fluorene	15.474	166	563798	20.590	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.469	204	259690	20.594	ng/ul	93
63) 4-Nitroaniline	15.486	138	120464m	20.803	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.551	198	102735	20.136	ng/ul#	91
67) N-Nitrosodiphenylamine	15.680	169	501058	20.118	ng/ul	98
68) 4-Bromophenyl-phenylether	16.363	248	153440	20.282	ng/ul	89
69) Hexachlorobenzene	16.480	284	170356	19.589	ng/ul#	92
70) Atrazine	16.633	200	179438	20.649	ng/ul	94
71) Pentachlorophenol	16.821	266	104758	19.341	ng/ul	96
72) Phenanthrene	17.210	178	918414	20.032	ng/ul	99
74) Anthracene	17.298	178	928655	20.144	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.227	216	225735	19.404	ng/ul	99
76) Pentachlorobenzene	14.751	250	206764	20.110	ng/ul	93
77) Carbazole	17.568	167	879302	20.966	ng/ul	98
78) Di-n-butylphthalate	18.139	149	1043573	20.067	ng/ul	100
80) Fluoranthene	19.227	202	1055077	20.608	ng/ul	98
82) Pyrene	19.586	202	1076254	20.490	ng/ul#	94
83) Butylbenzylphthalate	20.492	149	497791	21.059	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.274	252	339020	22.700	ng/ul#	97
85) Benzo(a)anthracene	21.339	228	1001448	20.282	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	713996	21.408	ng/ul	100
87) Chrysene	21.392	228	1010224	20.913	ng/ul	99
89) Di-n-octyl phthalate	22.174	149	1282904	20.742	ng/ul	100
90) Benzo(b)fluoranthene	22.968	252	1025955m	21.512	ng/ul	
91) Benzo(k)fluoranthene	23.015	252	932337	20.536	ng/ul	94
93) Benzo(a)pyrene	23.568	252	942036	20.406	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.039	276	912992	19.222	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.056	278	792815	19.542	ng/ul	99
96) Benzo(g,h,i)perylene	26.768	276	775017	19.322	ng/ul	96

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

