

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
 Data File : BN020167.D
 Acq On : 15 Jun 2022 10:27
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020321

Quant Time: Jun 16 01:10:41 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	7.793	152	152628	20.000	ng/u1	0.00
20) Naphthalene-d8	10.587	136	728490	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.428	164	488446	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	1006421	20.000	ng/u1	0.00
79) Chrysene-d12	21.363	240	896677	20.000	ng/u1	0.00
88) Perylene-d12	23.680	264	927426	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	28630	8.124	ng/uL	0.00
4) Pyridine-d5	3.676	84	185393	19.248	ng/u1	0.00
7) Phenol-d5	6.969	99	252958	20.029	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	162868	20.640	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	210688	20.531	ng/u1	0.00
15) 4-Methylphenol-d8	8.505	113	220985	20.224	ng/u1	0.00
21) Nitrobenzene-d5	8.952	128	106724	19.257	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	115416	19.623	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	209293	20.383	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	333109	20.033	ng/u1	0.00
46) Dimethylphthalate-d6	13.840	166	691152	19.447	ng/u1	0.00
49) Acenaphthylene-d8	14.116	160	824282	19.999	ng/u1	0.00
54) 4-Nitrophenol-d4	14.628	143	130296	18.296	ng/u1	0.00
60) Fluorene-d10	15.416	176	588565	20.013	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.540	200	111218	19.077	ng/u1	0.00
73) Anthracene-d10	17.263	188	879220	20.017	ng/u1	0.00
81) Pyrene-d10	19.563	212	1010010	20.778	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.533	264	916345	20.194	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	28990	7.793	ng/uL	91
5) Pyridine	3.693	79	197184	19.528	ng/u1	92
6) Benzaldehyde	6.940	77	135132	22.708	ng/u1	94
8) Phenol	6.993	94	271010	20.152	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.222	93	218866	20.793	ng/u1	98
12) 2-Chlorophenol	7.364	128	220776	20.583	ng/u1	98
13) 2-Methylphenol	8.240	108	208927	20.208	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.328	45	354406	21.472	ng/u1	98
16) Acetophenone	8.616	105	354911	21.358	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.605	70	176804	20.828	ng/u1	94
18) 4-Methylphenol	8.569	108	240131	21.044	ng/u1	98
19) Hexachloroethane	8.875	117	85724	19.862	ng/u1	89
22) Nitrobenzene	8.993	77	257434	20.033	ng/u1	96
23) Isophorone	9.522	82	494919	19.506	ng/u1	99
25) 2-Nitrophenol	9.699	139	130901	20.141	ng/u1	100
26) 2,4-Dimethylphenol	9.769	107	272878	20.266	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.005	93	318133	20.489	ng/u1	99
29) 2,4-Dichlorophenol	10.234	162	217427	20.471	ng/u1	99
30) Naphthalene	10.634	128	766645	20.306	ng/u1	100
32) 4-Chloroaniline	10.746	127	338240	20.337	ng/u1	98
33) Hexachlorobutadiene	10.928	225	121952	19.998	ng/u1	98
34) Caprolactam	11.522	113	71757m	17.300	ng/u1	
35) 4-Chloro-3-methylphenol	11.875	107	262229	20.909	ng/u1	98
36) 2-Methylnaphthalene	12.246	142	530638	20.789	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.469	142	543584	20.869	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.622	216	247604	19.876	ng/ul	97
40) Hexachlorocyclopentadiene	12.604	237	147811	19.505	ng/ul	99
41) 2,4,6-Trichlorophenol	12.857	196	174060	20.264	ng/ul	94
42) 2,4,5-Trichlorophenol	12.934	196	187450	19.704	ng/ul	99
43) 1,1'-Biphenyl	13.263	154	724508	20.032	ng/ul	98
44) 2-Chloronaphthalene	13.299	162	548478	19.990	ng/ul	98
45) 2-Nitroaniline	13.504	65	161150	18.879	ng/ul	94
47) Dimethylphthalate	13.887	163	697655	19.500	ng/ul	98
48) 2,6-Dinitrotoluene	13.999	165	137099	19.599	ng/ul	98
50) Acenaphthylene	14.146	152	902300	19.773	ng/ul	100
51) 3-Nitroaniline	14.328	138	138614	18.744	ng/ul	100
52) Acenaphthene	14.487	153	593160	19.900	ng/ul	98
53) 2,4-Dinitrophenol	14.534	184	85763	19.149	ng/ul	94
55) 4-Nitrophenol	14.640	109	107383	17.664	ng/ul	97
56) Dibenzofuran	14.822	168	822763	19.593	ng/ul	96
57) 2,4-Dinitrotoluene	14.787	165	202966	19.596	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.051	232	152959	20.482	ng/ul	92
59) Diethylphthalate	15.251	149	720285	19.554	ng/ul	98
61) Fluorene	15.475	166	659387	20.179	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.469	204	301953	20.066	ng/ul	93
63) 4-Nitroaniline	15.487	138	131272	18.996	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.551	198	111433	18.853	ng/ul#	92
67) N-Nitrosodiphenylamine	15.681	169	580665	20.125	ng/ul	98
68) 4-Bromophenyl-phenylether	16.363	248	179417	20.471	ng/ul	95
69) Hexachlorobenzene	16.481	284	197948	19.648	ng/ul#	88
70) Atrazine	16.634	200	203533	20.218	ng/ul	96
71) Pentachlorophenol	16.822	266	120244	19.163	ng/ul	99
72) Phenanthrene	17.210	178	1040203	19.585	ng/ul	98
74) Anthracene	17.298	178	1083547	20.289	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.228	216	264609	19.634	ng/ul	98
76) Pentachlorobenzene	14.751	250	245213	20.587	ng/ul	96
77) Carbazole	17.569	167	986584	20.306	ng/ul	97
78) Di-n-butylphthalate	18.145	149	1192560	19.795	ng/ul	99
80) Fluoranthene	19.228	202	1203422	20.498	ng/ul	96
82) Pyrene	19.592	202	1249255	20.741	ng/ul#	94
83) Butylbenzylphthalate	20.498	149	544092	20.072	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.280	252	378839	22.120	ng/ul#	97
85) Benzo(a)anthracene	21.345	228	1153579	20.373	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.286	149	808191	21.131	ng/ul	100
87) Chrysene	21.398	228	1138702	20.556	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	1414748	18.742	ng/ul	100
90) Benzo(b)fluoranthene	22.975	252	1162182	19.966	ng/ul#	95
91) Benzo(k)fluoranthene	23.027	252	1111894	20.067	ng/ul	97
93) Benzo(a)pyrene	23.574	252	1124622	19.960	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.057	276	1194467	20.605	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.074	278	1037032	20.944	ng/ul	98
96) Benzo(g,h,i)perylene	26.780	276	1049501m	21.439	ng/ul	

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

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