

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011123\
 Data File : BN023604.D
 Acq On : 11 Jan 2023 09:45
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020382

Quant Time: Jan 12 00:32:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 05 03:34:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/12/2023
 Supervised By :mohammad ahmed 01/12/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	195383	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	900651	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	581349	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	1313887	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	1287653	20.000	ng/u1	0.00
88) Perylene-d12	23.963	264	1373087	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	35073	7.725	ng/uL	0.00
4) Pyridine-d5	3.728	84	255195	18.733	ng/u1	0.00
7) Phenol-d5	7.105	99	325535	18.799	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	209425	19.714	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	260588	19.649	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	264349	19.126	ng/u1	0.00
21) Nitrobenzene-d5	9.116	128	131148	19.310	ng/u1	0.00
24) 2-Nitrophenol-d4	9.840	143	140161	19.495	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	268194	19.557	ng/u1	0.00
31) 4-Chloroaniline-d4	10.904	131	412101	19.105	ng/u1	0.00
46) Dimethylphthalate-d6	14.010	166	804027	18.592	ng/u1	0.00
49) Acenaphthylene-d8	14.293	160	937560	19.567	ng/u1	0.00
54) 4-Nitrophenol-d4	14.798	143	159755	18.146	ng/u1	0.00
60) Fluorene-d10	15.592	176	712256	19.275	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	141119	17.805	ng/u1	0.00
73) Anthracene-d10	17.445	188	1154271	19.632	ng/u1	0.00
81) Pyrene-d10	19.739	212	1372339	18.635	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.804	264	1294101	19.058	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	36569	7.630	ng/uL	96
5) Pyridine	3.746	79	262297	18.809	ng/u1	97
6) Benzaldehyde	7.075	77	132915	19.819	ng/u1	96
8) Phenol	7.134	94	338406	19.198	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.363	93	273048	19.605	ng/u1	98
12) 2-Chlorophenol	7.505	128	273263	19.939	ng/u1	99
13) 2-Methylphenol	8.393	108	256773	19.357	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.481	45	375004	20.132	ng/u1	98
16) Acetophenone	8.775	105	424386	19.866	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.763	70	214523	19.945	ng/u1	99
18) 4-Methylphenol	8.722	108	285412	19.538	ng/u1	99
19) Hexachloroethane	9.028	117	111429	20.329	ng/u1	98
22) Nitrobenzene	9.158	77	332275	19.548	ng/u1	99
23) Isophorone	9.687	82	588137	19.132	ng/u1	100
25) 2-Nitrophenol	9.869	139	155618	19.473	ng/u1	97
26) 2,4-Dimethylphenol	9.934	107	318957	19.666	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.175	93	381852	19.150	ng/u1	99
29) 2,4-Dichlorophenol	10.404	162	261871	19.085	ng/u1	97
30) Naphthalene	10.810	128	940504	19.425	ng/u1	99
32) 4-Chloroaniline	10.928	127	414290	19.177	ng/u1	99
33) Hexachlorobutadiene	11.093	225	164839	19.422	ng/u1	96
34) Caprolactam	11.704	113	79455m	17.241	ng/u1	
35) 4-Chloro-3-methylphenol	12.051	107	291134	19.459	ng/u1	98
36) 2-Methylnaphthalene	12.422	142	635158	19.679	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.640	142	649134	19.686	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.793	216	331117	19.258	ng/ul	98
40) Hexachlorocyclopentadiene	12.769	237	188383	17.384	ng/ul	97
41) 2,4,6-Trichlorophenol	13.034	196	211913	18.698	ng/ul	91
42) 2,4,5-Trichlorophenol	13.098	196	238266	19.223	ng/ul	91
43) 1,1'-Biphenyl	13.434	154	857888	19.127	ng/ul	99
44) 2-Chloronaphthalene	13.475	162	678305	19.493	ng/ul	99
45) 2-Nitroaniline	13.681	65	192386	20.049	ng/ul	96
47) Dimethylphthalate	14.057	163	814179	18.736	ng/ul	100
48) 2,6-Dinitrotoluene	14.181	165	159012	19.356	ng/ul	99
50) Acenaphthylene	14.322	152	1041660	19.551	ng/ul	100
51) 3-Nitroaniline	14.504	138	145413	17.663	ng/ul	98
52) Acenaphthene	14.663	153	730105	19.437	ng/ul	98
53) 2,4-Dinitrophenol	14.710	184	86679	16.143	ng/ul	100
55) 4-Nitrophenol	14.810	109	132531	18.641	ng/ul	99
56) Dibenzofuran	14.998	168	998086	19.090	ng/ul	99
57) 2,4-Dinitrotoluene	14.963	165	236997	19.761	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.222	232	206836	19.475	ng/ul	97
59) Diethylphthalate	15.422	149	833596	19.150	ng/ul	99
61) Fluorene	15.645	166	820791	19.386	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.640	204	406099	19.703	ng/ul	95
63) 4-Nitroaniline	15.669	138	129105	17.033	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.728	198	140039	17.903	ng/ul	97
67) N-Nitrosodiphenylamine	15.857	169	696602	18.892	ng/ul	99
68) 4-Bromophenyl-phenylether	16.534	248	252100	19.142	ng/ul	99
69) Hexachlorobenzene	16.645	284	289473	18.757	ng/ul	99
70) Atrazine	16.810	200	247067	17.904	ng/ul	98
71) Pentachlorophenol	16.992	266	172269	17.490	ng/ul	96
72) Phenanthrene	17.386	178	1359223	19.307	ng/ul	99
74) Anthracene	17.481	178	1352648	19.305	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.398	216	328440	18.567	ng/uL	99
76) Pentachlorobenzene	14.916	250	324369	18.306	ng/uL	98
77) Carbazole	17.751	167	1232356	19.371	ng/ul	99
78) Di-n-butylphthalate	18.316	149	1454952	19.262	ng/ul	100
80) Fluoranthene	19.404	202	1579368	18.336	ng/ul	99
82) Pyrene	19.769	202	1692969	18.608	ng/ul	99
83) Butylbenzylphthalate	20.669	149	683318	18.971	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.457	252	531908	18.910	ng/ul	99
85) Benzo(a)anthracene	21.522	228	1649768	18.914	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.445	149	995181	19.030	ng/ul	100
87) Chrysene	21.574	228	1542611	18.863	ng/ul	98
89) Di-n-octyl phthalate	22.380	149	1644185	17.350	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	1680180	19.210	ng/ul	98
91) Benzo(k)fluoranthene	23.274	252	1607611	18.583	ng/ul	99
93) Benzo(a)pyrene	23.857	252	1489326	19.634	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.492	276	1833218	19.555	ng/ul	96
95) Dibenzo(a,h)anthracene	26.510	278	1538209	19.844	ng/ul	100
96) Benzo(g,h,i)perylene	27.268	276	1465082	19.624	ng/ul	99

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

