

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011123\
 Data File : BN023611.D
 Acq On : 11 Jan 2023 14:39
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020383

Quant Time: Jan 12 00:47:48 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	7.940	152	183940	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.757	136	844792	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.598	164	528050	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	1160864	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	1087004	20.000	ng/u1	0.00
88) Perylene-d12	23.968	264	1152824	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	32673	7.644	ng/uL	0.00
4) Pyridine-d5	3.722	84	238807	18.621	ng/u1	0.00
7) Phenol-d5	7.099	99	303314	18.606	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.269	67	194190	19.417	ng/u1	0.00
11) 2-Chlorophenol-d4	7.463	132	247108	19.792	ng/u1	-0.01
15) 4-Methylphenol-d8	8.657	113	246067	18.911	ng/u1	-0.01
21) Nitrobenzene-d5	9.110	128	123114	19.326	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.834	143	130450	19.344	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.375	165	245701	19.102	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.899	131	375377	18.553	ng/u1	-0.01
46) Dimethylphthalate-d6	14.010	166	730949	18.608	ng/u1	0.00
49) Acenaphthylene-d8	14.292	160	853718	19.615	ng/u1	0.00
54) 4-Nitrophenol-d4	14.798	143	142142	17.775	ng/u1	0.00
60) Fluorene-d10	15.587	176	640318	19.077	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.710	200	123961	17.701	ng/u1	0.00
73) Anthracene-d10	17.445	188	995064	19.155	ng/u1	0.00
81) Pyrene-d10	19.745	212	1150822	18.512	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.810	264	1054394	18.495	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	33748	7.479	ng/uL	97
5) Pyridine	3.740	79	243716	18.564	ng/u1	97
6) Benzaldehyde	7.069	77	124812	19.769	ng/u1	99
8) Phenol	7.128	94	312245	18.816	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.363	93	256970	19.598	ng/u1	97
12) 2-Chlorophenol	7.499	128	249612	19.346	ng/u1	99
13) 2-Methylphenol	8.387	108	237448	19.014	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.481	45	346441m	19.756	ng/u1	
16) Acetophenone	8.769	105	396050	19.693	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.757	70	199530	19.705	ng/u1	99
18) 4-Methylphenol	8.722	108	262499	19.087	ng/u1	95
19) Hexachloroethane	9.022	117	102364	19.837	ng/u1	97
22) Nitrobenzene	9.152	77	305210	19.143	ng/u1	99
23) Isophorone	9.681	82	544103	18.870	ng/u1	99
25) 2-Nitrophenol	9.869	139	145445	19.403	ng/u1	99
26) 2,4-Dimethylphenol	9.928	107	292072	19.200	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.169	93	352297	18.836	ng/u1	99
29) 2,4-Dichlorophenol	10.404	162	245940	19.109	ng/u1	99
30) Naphthalene	10.810	128	860787	18.954	ng/u1	99
32) 4-Chloroaniline	10.922	127	379651	18.736	ng/u1	99
33) Hexachlorobutadiene	11.093	225	152796	19.194	ng/u1	98
34) Caprolactam	11.698	113	74276m	17.183	ng/u1	
35) 4-Chloro-3-methylphenol	12.051	107	263514	18.777	ng/u1	97
36) 2-Methylnaphthalene	12.422	142	583528	19.275	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.640	142	590634	19.096	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.787	216	304321	19.486	ng/u1	99
40) Hexachlorocyclopentadiene	12.769	237	177684	18.052	ng/u1	99
41) 2,4,6-Trichlorophenol	13.034	196	192792	18.728	ng/u1	95
42) 2,4,5-Trichlorophenol	13.098	196	211882	18.820	ng/u1	89
43) 1,1'-Biphenyl	13.434	154	764858	18.775	ng/u1	98
44) 2-Chloronaphthalene	13.475	162	603207	19.085	ng/u1	99
45) 2-Nitroaniline	13.681	65	170276	19.535	ng/u1	99
47) Dimethylphthalate	14.057	163	736190	18.651	ng/u1	100
48) 2,6-Dinitrotoluene	14.181	165	141675	18.986	ng/u1	97
50) Acenaphthylene	14.322	152	938078	19.384	ng/u1	99
51) 3-Nitroaniline	14.504	138	131760	17.621	ng/u1	97
52) Acenaphthene	14.663	153	646729	18.955	ng/u1	99
53) 2,4-Dinitrophenol	14.710	184	79133	16.226	ng/u1	98
55) 4-Nitrophenol	14.810	109	115468	17.880	ng/u1	98
56) Dibenzofuran	14.998	168	886110	18.659	ng/u1	96
57) 2,4-Dinitrotoluene	14.963	165	210975	19.367	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.222	232	176199	18.265	ng/u1	92
59) Diethylphthalate	15.422	149	735062	18.591	ng/u1	98
61) Fluorene	15.645	166	736677	19.156	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.639	204	353983	18.908	ng/u1	98
63) 4-Nitroaniline	15.669	138	116488	16.920	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.728	198	127392	18.433	ng/u1	99
67) N-Nitrosodiphenylamine	15.857	169	619066	19.003	ng/u1	99
68) 4-Bromophenyl-phenylether	16.539	248	217885	18.725	ng/u1	97
69) Hexachlorobenzene	16.651	284	258416	18.952	ng/u1	98
70) Atrazine	16.810	200	216565	17.762	ng/u1	99
71) Pentachlorophenol	16.992	266	156699	18.006	ng/u1	94
72) Phenanthrene	17.386	178	1172862	18.856	ng/u1	99
74) Anthracene	17.481	178	1178031	19.030	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	291006	18.620	ng/uL	99
76) Pentachlorobenzene	14.916	250	299647	19.140	ng/uL	97
77) Carbazole	17.751	167	1072352	19.078	ng/u1	98
78) Di-n-butylphthalate	18.316	149	1274843	19.103	ng/u1	99
80) Fluoranthene	19.410	202	1374748	18.907	ng/u1	99
82) Pyrene	19.775	202	1433502	18.665	ng/u1	99
83) Butylbenzylphthalate	20.674	149	589738	19.396	ng/u1	96
84) 3,3'-Dichlorobenzidine	21.457	252	457867	19.282	ng/u1	97
85) Benzo(a)anthracene	21.521	228	1369460	18.599	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.451	149	900970	20.408	ng/u1	98
87) Chrysene	21.580	228	1308728	18.957	ng/u1	97
89) Di-n-octyl phthalate	22.386	149	1406476	17.677	ng/u1	100
90) Benzo(b)fluoranthene	23.227	252	1381126	18.808	ng/u1	99
91) Benzo(k)fluoranthene	23.274	252	1321516	18.194	ng/u1	99
93) Benzo(a)pyrene	23.863	252	1200789	18.855	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.498	276	1463729	18.597	ng/u1	99
95) Dibenzo(a,h)anthracene	26.515	278	1202410	18.476	ng/u1	99
96) Benzo(g,h,i)perylene	27.274	276	1122787	17.913	ng/u1	97

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

