

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012523\
 Data File : BN023790.D
 Acq On : 25 Jan 2023 12:03
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020395

Quant Time: Jan 25 22:46:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 25 22:45:29 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/26/2023
 Supervised By :mohammad ahmed 01/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	256178	20.000	ng/u1	0.00
20) Naphthalene-d8	10.693	136	1072459	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.534	164	631723	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.281	188	1279535	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	1265135	20.000	ng/u1	0.00
88) Perylene-d12	23.880	264	1303559	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	51084	8.581	ng/uL	0.00
4) Pyridine-d5	3.699	84	368675	20.641	ng/u1	0.00
7) Phenol-d5	7.052	99	451381	19.881	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	285317	20.484	ng/u1	0.00
11) 2-Chlorophenol-d4	7.416	132	368614	21.199	ng/u1	0.00
15) 4-Methylphenol-d8	8.604	113	357664	19.737	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	176460	21.820	ng/u1	0.00
24) 2-Nitrophenol-d4	9.775	143	196278	22.927	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	349359	21.395	ng/u1	0.00
31) 4-Chloroaniline-d4	10.840	131	504485	19.641	ng/u1	0.00
46) Dimethylphthalate-d6	13.945	166	1007340	21.436	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	1165480	22.384	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	185744	19.416	ng/u1	0.00
60) Fluorene-d10	15.528	176	777615	19.365	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	139555	18.080	ng/u1	0.00
73) Anthracene-d10	17.381	188	1305976	22.809	ng/u1	0.00
81) Pyrene-d10	19.674	212	1516793	20.963	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.727	264	1408589	21.851	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	53854	8.569	ng/uL	99
5) Pyridine	3.717	79	371082	20.295	ng/u1	100
6) Benzaldehyde	7.022	77	191785	21.811	ng/u1	98
8) Phenol	7.075	94	462189	19.998	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.310	93	372297	20.387	ng/u1	98
12) 2-Chlorophenol	7.446	128	368859	20.527	ng/u1	98
13) 2-Methylphenol	8.334	108	345284	19.852	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.416	45	499977	20.471	ng/u1	99
16) Acetophenone	8.716	105	558526	19.941	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.704	70	287278	20.370	ng/u1	98
18) 4-Methylphenol	8.663	108	380427	19.862	ng/u1	97
19) Hexachloroethane	8.963	117	152427	21.209	ng/u1	96
22) Nitrobenzene	9.099	77	443004	21.887	ng/u1	98
23) Isophorone	9.628	82	783692	21.409	ng/u1	99
25) 2-Nitrophenol	9.810	139	208816	21.943	ng/u1	97
26) 2,4-Dimethylphenol	9.869	107	411447	21.305	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.110	93	496674	20.918	ng/u1	98
29) 2,4-Dichlorophenol	10.346	162	344171	21.064	ng/u1	98
30) Naphthalene	10.746	128	1192079	20.677	ng/u1	99
32) 4-Chloroaniline	10.863	127	511378	19.879	ng/u1	97
33) Hexachlorobutadiene	11.028	225	213914	21.167	ng/u1	99
34) Caprolactam	11.646	113	106598m	19.425	ng/u1	
35) 4-Chloro-3-methylphenol	11.987	107	377558	21.193	ng/u1	97
36) 2-Methylnaphthalene	12.357	142	790610	20.571	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.575	142	799329	20.357	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.722	216	409582	21.922	ng/u1	99
40) Hexachlorocyclopentadiene	12.704	237	244678	20.779	ng/u1	96
41) 2,4,6-Trichlorophenol	12.969	196	269202	21.859	ng/u1	92
42) 2,4,5-Trichlorophenol	13.040	196	292195	21.695	ng/u1	89
43) 1,1'-Biphenyl	13.369	154	1029137	21.116	ng/u1	99
44) 2-Chloronaphthalene	13.410	162	801223	21.190	ng/u1	100
45) 2-Nitroaniline	13.622	65	244273	23.426	ng/u1	98
47) Dimethylphthalate	13.992	163	1005617	21.296	ng/u1	99
48) 2,6-Dinitrotoluene	14.116	165	203541	22.801	ng/u1	99
50) Acenaphthylene	14.257	152	1253602	21.653	ng/u1	100
51) 3-Nitroaniline	14.445	138	187149	20.920	ng/u1	100
52) Acenaphthene	14.598	153	863903	21.165	ng/u1	98
53) 2,4-Dinitrophenol	14.651	184	73073	12.524	ng/u1	96
55) 4-Nitrophenol	14.751	109	153365	19.851	ng/u1	94
56) Dibenzofuran	14.934	168	1180723	20.782	ng/u1	97
57) 2,4-Dinitrotoluene	14.904	165	288742	22.156	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.163	232	245373	21.261	ng/u1	95
59) Diethylphthalate	15.357	149	947741	20.036	ng/u1	99
61) Fluorene	15.581	166	872980	18.975	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.575	204	430858	19.237	ng/u1	99
63) 4-Nitroaniline	15.610	138	157386	19.109	ng/u1	95
66) 4,6-Dinitro-2-methylph...	15.663	198	138164	18.138	ng/u1	94
67) N-Nitrosodiphenylamine	15.792	169	743347	20.701	ng/u1	98
68) 4-Bromophenyl-phenylether	16.475	248	253720	19.783	ng/u1	100
69) Hexachlorobenzene	16.586	284	302821	20.148	ng/u1	98
70) Atrazine	16.745	200	269425	20.048	ng/u1	97
71) Pentachlorophenol	16.928	266	187322	19.529	ng/u1	96
72) Phenanthrene	17.322	178	1530711	22.326	ng/u1	100
74) Anthracene	17.416	178	1533742	22.478	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.334	216	402787	23.382	ng/u1	98
76) Pentachlorobenzene	14.851	250	395607	22.926	ng/u1	97
77) Carbazole	17.686	167	1417657	22.882	ng/u1	99
78) Di-n-butylphthalate	18.251	149	1750421	23.796	ng/u1	99
80) Fluoranthene	19.339	202	1791308	21.167	ng/u1	99
82) Pyrene	19.704	202	1849889	20.695	ng/u1	99
83) Butylbenzylphthalate	20.604	149	827674	23.388	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.392	252	578347	20.927	ng/u1	97
85) Benzo(a)anthracene	21.463	228	1792614	20.918	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.380	149	1165549	22.684	ng/u1	97
87) Chrysene	21.516	228	1704634	21.215	ng/u1	99
89) Di-n-octyl phthalate	22.316	149	1946524	21.636	ng/u1	100
90) Benzo(b)fluoranthene	23.145	252	1776569	21.395	ng/u1	97
91) Benzo(k)fluoranthene	23.198	252	1744392	21.239	ng/u1	100
93) Benzo(a)pyrene	23.774	252	1513631	21.019	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.374	276	1799447	20.219	ng/u1	96
95) Dibenzo(a,h)anthracene	26.392	278	1533912	20.844	ng/u1	99
96) Benzo(g,h,i)perylene	27.139	276	1432473	20.211	ng/u1	97

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

