

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012323\
 Data File : BN023771.D
 Acq On : 24 Jan 2023 11:23
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020393

Quant Time: Jan 24 23:55:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 24 23:52:16 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/25/2023
 Supervised By :Yogesh Patel 01/25/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	292981	20.000	ng/u1	0.00
20) Naphthalene-d8	10.699	136	1314745	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.540	164	787535	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.281	188	1512325	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	1575432	20.000	ng/u1	0.00
88) Perylene-d12	23.886	264	1678593	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	55057	8.087	ng/uL	0.00
4) Pyridine-d5	3.699	84	399176	19.541	ng/u1	0.00
7) Phenol-d5	7.052	99	495791	19.094	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	309288	19.416	ng/u1	0.00
11) 2-Chlorophenol-d4	7.416	132	394959	19.861	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	389941	18.815	ng/u1	0.00
21) Nitrobenzene-d5	9.058	128	196104	19.780	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	212428	20.241	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	378128	18.889	ng/u1	0.00
31) 4-Chloroaniline-d4	10.840	131	559974	17.784	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	1076035	18.368	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	1247125	19.213	ng/u1	0.00
54) 4-Nitrophenol-d4	14.740	143	211448	17.729	ng/u1	0.00
60) Fluorene-d10	15.528	176	918979	18.358	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	170174	18.653	ng/u1	0.00
73) Anthracene-d10	17.381	188	1267088	18.723	ng/u1	0.00
81) Pyrene-d10	19.675	212	1626705	18.054	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.727	264	1581631	19.053	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	57951	8.063	ng/uL	99
5) Pyridine	3.717	79	405861	19.409	ng/u1	95
6) Benzaldehyde	7.028	77	223688	22.244	ng/u1	99
8) Phenol	7.081	94	511263	19.343	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.311	93	399990	19.152	ng/u1	97
12) 2-Chlorophenol	7.446	128	408107	19.858	ng/u1	99
13) 2-Methylphenol	8.334	108	373265	18.765	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.422	45	546843	19.578	ng/u1	99
16) Acetophenone	8.716	105	606170	18.923	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.705	70	318694	19.759	ng/u1	100
18) 4-Methylphenol	8.669	108	413834	18.892	ng/u1	98
19) Hexachloroethane	8.969	117	163605	19.905	ng/u1	98
22) Nitrobenzene	9.099	77	475265	19.154	ng/u1	99
23) Isophorone	9.628	82	860650	19.179	ng/u1	99
25) 2-Nitrophenol	9.810	139	228774	19.610	ng/u1	98
26) 2,4-Dimethylphenol	9.875	107	445987	18.838	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.110	93	542552	18.640	ng/u1	100
29) 2,4-Dichlorophenol	10.346	162	369886	18.466	ng/u1	98
30) Naphthalene	10.746	128	1282668	18.148	ng/u1	100
32) 4-Chloroaniline	10.863	127	561771	17.814	ng/u1	100
33) Hexachlorobutadiene	11.028	225	223622	18.050	ng/u1	100
34) Caprolactam	11.646	113	118811m	17.661	ng/u1	
35) 4-Chloro-3-methylphenol	11.987	107	407639	18.664	ng/u1	99
36) 2-Methylnaphthalene	12.357	142	849372	18.028	ng/u1	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	865956	17.990	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.728	216	436662	18.748	ng/u1	99
40) Hexachlorocyclopentadiene	12.704	237	276499	18.835	ng/u1	98
41) 2,4,6-Trichlorophenol	12.969	196	292997	19.084	ng/u1	94
42) 2,4,5-Trichlorophenol	13.040	196	321901	19.172	ng/u1	94
43) 1,1'-Biphenyl	13.369	154	1123554	18.492	ng/u1	99
44) 2-Chloronaphthalene	13.416	162	872424	18.508	ng/u1	100
45) 2-Nitroaniline	13.622	65	268532	20.657	ng/u1	99
47) Dimethylphthalate	13.998	163	1096696	18.630	ng/u1	100
48) 2,6-Dinitrotoluene	14.122	165	221154	19.872	ng/u1	96
50) Acenaphthylene	14.257	152	1370143	18.984	ng/u1	99
51) 3-Nitroaniline	14.445	138	210545	18.879	ng/u1	100
52) Acenaphthene	14.604	153	943955	18.551	ng/u1	97
53) 2,4-Dinitrophenol	14.651	184	95257	13.096	ng/u1	98
55) 4-Nitrophenol	14.751	109	167789	17.421	ng/u1	98
56) Dibenzofuran	14.934	168	1279195	18.061	ng/u1	98
57) 2,4-Dinitrotoluene	14.904	165	316669	19.491	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.163	232	259130	18.011	ng/u1	95
59) Diethylphthalate	15.363	149	1080289	18.320	ng/u1	97
61) Fluorene	15.587	166	1037272	18.085	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.581	204	508736	18.220	ng/u1	95
63) 4-Nitroaniline	15.610	138	198767	19.358	ng/u1	96
66) 4,6-Dinitro-2-methylph...	15.669	198	170941	18.987	ng/u1	98
67) N-Nitrosodiphenylamine	15.792	169	892465	21.028	ng/u1	99
68) 4-Bromophenyl-phenylether	16.475	248	309582	20.423	ng/u1	92
69) Hexachlorobenzene	16.587	284	357829	20.144	ng/u1	97
70) Atrazine	16.745	200	297549	18.733	ng/u1	93
71) Pentachlorophenol	16.934	266	216380	19.086	ng/u1	93
72) Phenanthrene	17.328	178	1440317	17.774	ng/u1	99
74) Anthracene	17.416	178	1478515	18.333	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.334	216	433333	21.283	ng/uL	96
76) Pentachlorobenzene	14.857	250	423020	20.741	ng/uL	98
77) Carbazole	17.692	167	1398792	19.102	ng/u1	99
78) Di-n-butylphthalate	18.251	149	1833215	21.086	ng/u1	100
80) Fluoranthene	19.345	202	1929416	18.308	ng/u1	99
82) Pyrene	19.710	202	2009963	18.057	ng/u1	100
83) Butylbenzylphthalate	20.604	149	862668	19.576	ng/u1	97
84) 3,3'-Dichlorobenzidine	21.398	252	690232	20.056	ng/u1	98
85) Benzo(a)anthracene	21.463	228	1952717	18.298	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.386	149	1252786	19.580	ng/u1	98
87) Chrysene	21.516	228	1897644	18.965	ng/u1	98
89) Di-n-octyl phthalate	22.316	149	2128715	18.375	ng/u1	100
90) Benzo(b)fluoranthene	23.151	252	2005610	18.757	ng/u1	98
91) Benzo(k)fluoranthene	23.198	252	1927584	18.226	ng/u1	98
93) Benzo(a)pyrene	23.780	252	1741994	18.785	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.380	276	2100125	18.325	ng/u1	98
95) Dibenzo(a,h)anthracene	26.398	278	1716378	18.113	ng/u1	97
96) Benzo(g,h,i)perylene	27.145	276	1655047m	18.134	ng/u1	

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

