

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
 Data File : BN023725.D
 Acq On : 20 Jan 2023 13:33
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020387

Quant Time: Jan 20 23:02:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 20 23:02:18 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2023
 Supervised By :Yogesh Patel 01/24/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	226456	20.000	ng/u1	0.00
20) Naphthalene-d8	10.704	136	922010	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.545	164	605670	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	1267506	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	1137061	20.000	ng/u1	0.00
88) Perylene-d12	23.909	264	1200614	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	42985	8.168	ng/uL	0.00
4) Pyridine-d5	3.699	84	293789	18.607	ng/u1	0.00
7) Phenol-d5	7.057	99	373635	18.616	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	238146	19.342	ng/u1	0.00
11) 2-Chlorophenol-d4	7.422	132	299786	19.503	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	289388	18.065	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	142132	20.443	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	151649	20.604	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	275472	19.622	ng/u1	0.00
31) 4-Chloroaniline-d4	10.845	131	407312	18.445	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	818143	18.159	ng/u1	0.00
49) Acenaphthylene-d8	14.233	160	938006	18.790	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	147450	16.076	ng/u1	0.00
60) Fluorene-d10	15.533	176	686136	17.822	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	75635	9.892	ng/u1	0.00
73) Anthracene-d10	17.386	188	1041574	18.364	ng/u1	0.00
81) Pyrene-d10	19.680	212	1205472	18.537	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.756	264	1100972	18.543	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	45413	8.175	ng/uL	99
5) Pyridine	3.722	79	309282	19.135	ng/u1	94
6) Benzaldehyde	7.028	77	167854	21.595	ng/u1	99
8) Phenol	7.081	94	382306	18.713	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.316	93	309341	19.163	ng/u1	98
12) 2-Chlorophenol	7.451	128	307646	19.368	ng/u1	99
13) 2-Methylphenol	8.340	108	277588	18.055	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.428	45	421510	19.524	ng/u1	100
16) Acetophenone	8.722	105	466152	18.827	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.710	70	241483	19.370	ng/u1	99
18) 4-Methylphenol	8.675	108	312934	18.482	ng/u1	98
19) Hexachloroethane	8.975	117	127170	20.017	ng/u1	94
22) Nitrobenzene	9.104	77	360574	20.722	ng/u1	100
23) Isophorone	9.634	82	647548	20.576	ng/u1	100
25) 2-Nitrophenol	9.816	139	169117	20.672	ng/u1	96
26) 2,4-Dimethylphenol	9.881	107	336499	20.267	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.116	93	398636	19.529	ng/u1	99
29) 2,4-Dichlorophenol	10.351	162	274528	19.543	ng/u1	98
30) Naphthalene	10.757	128	940324	18.972	ng/u1	98
32) 4-Chloroaniline	10.869	127	404255	18.279	ng/u1	99
33) Hexachlorobutadiene	11.040	225	165814	19.085	ng/u1	96
34) Caprolactam	11.645	113	76577m	16.232	ng/u1	
35) 4-Chloro-3-methylphenol	11.992	107	287170	18.749	ng/u1	97
36) 2-Methylnaphthalene	12.363	142	648418	19.625	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.587	142	655680	19.424	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.734	216	326972	18.253	ng/ul	97
40) Hexachlorocyclopentadiene	12.710	237	209403	18.548	ng/ul	99
41) 2,4,6-Trichlorophenol	12.975	196	213080	18.046	ng/ul	93
42) 2,4,5-Trichlorophenol	13.045	196	233237	18.062	ng/ul	88
43) 1,1'-Biphenyl	13.375	154	853530	18.266	ng/ul	99
44) 2-Chloronaphthalene	13.422	162	666756	18.392	ng/ul	98
45) 2-Nitroaniline	13.628	65	197334	19.738	ng/ul	95
47) Dimethylphthalate	14.004	163	816430	18.033	ng/ul	99
48) 2,6-Dinitrotoluene	14.128	165	160604	18.765	ng/ul	98
50) Acenaphthylene	14.263	152	1038517	18.710	ng/ul	99
51) 3-Nitroaniline	14.451	138	155676	18.151	ng/ul	99
52) Acenaphthene	14.604	153	703739	17.983	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	31525	5.636	ng/ul	94
55) 4-Nitrophenol	14.757	109	121667	16.425	ng/ul	100
56) Dibenzofuran	14.939	168	969457	17.798	ng/ul	97
57) 2,4-Dinitrotoluene	14.910	165	233039	18.651	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.169	232	189822	17.155	ng/ul	97
59) Diethylphthalate	15.363	149	816813	18.011	ng/ul	99
61) Fluorene	15.586	166	788934	17.886	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.580	204	379747	17.684	ng/ul	99
63) 4-Nitroaniline	15.616	138	146849	18.596	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.669	198	75519	10.008	ng/ul	94
67) N-Nitrosodiphenylamine	15.798	169	678365	19.071	ng/ul	100
68) 4-Bromophenyl-phenylether	16.480	248	235546	18.540	ng/ul	99
69) Hexachlorobenzene	16.592	284	270493	18.168	ng/ul	98
70) Atrazine	16.751	200	240582	18.072	ng/ul	99
71) Pentachlorophenol	16.933	266	126547	13.318	ng/ul	98
72) Phenanthrene	17.327	178	1240739	18.269	ng/ul	100
74) Anthracene	17.422	178	1255075	18.568	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.339	216	318855	18.685	ng/ul	93
76) Pentachlorobenzene	14.857	250	322213	18.850	ng/ul	95
77) Carbazole	17.692	167	1138527	18.551	ng/ul	99
78) Di-n-butylphthalate	18.257	149	1383016	18.980	ng/ul	99
80) Fluoranthene	19.345	202	1392556	18.308	ng/ul	99
82) Pyrene	19.710	202	1492370	18.576	ng/ul	100
83) Butylbenzylphthalate	20.616	149	594342	18.687	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.404	252	464116	18.685	ng/ul#	95
85) Benzo(a)anthracene	21.474	228	1386272	17.998	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.392	149	897288	19.430	ng/ul	98
87) Chrysene	21.527	228	1305954	18.084	ng/ul	96
89) Di-n-octyl phthalate	22.327	149	1445213	17.441	ng/ul	100
90) Benzo(b)fluoranthene	23.168	252	1411030	18.450	ng/ul	99
91) Benzo(k)fluoranthene	23.221	252	1413841	18.691	ng/ul	99
93) Benzo(a)pyrene	23.809	252	1225028	18.470	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.439	276	1455620	17.758	ng/ul	99
95) Dibenzo(a,h)anthracene	26.456	278	1220795	18.012	ng/ul	98
96) Benzo(g,h,i)perylene	27.227	276	1133977	17.371	ng/ul	98

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

