

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
 Data File : BN023896.D
 Acq On : 02 Feb 2023 09:19
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020397

Quant Time: Feb 03 01:15:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 02 02:10:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/03/2023
 Supervised By :Jagrut Upadhyay 02/03/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	177004	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	728076	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.504	164	481650	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	1090133	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	1033561	20.000	ng/u1	0.00
88) Perylene-d12	23.857	264	1073308	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	33743	7.694	ng/uL	0.00
4) Pyridine-d5	3.664	84	236968	19.339	ng/u1	0.00
7) Phenol-d5	7.022	99	300502	19.441	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	192577	19.714	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	236136	19.538	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	243134	19.829	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	122612	20.756	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	138642	20.627	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	257519	20.519	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	360675	21.066	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	783773	20.382	ng/u1	0.00
49) Acenaphthylene-d8	14.198	160	864807	20.790	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	145566	20.880	ng/u1	0.00
60) Fluorene-d10	15.498	176	665696	20.650	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	152894	19.820	ng/u1	0.00
73) Anthracene-d10	17.357	188	1038418	20.461	ng/u1	0.00
81) Pyrene-d10	19.651	212	1263199	20.131	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.692	264	1133128	20.341	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	35117	7.773	ng/uL#	84
5) Pyridine	3.681	79	238252	19.350	ng/u1	99
6) Benzaldehyde	6.987	77	131987	19.637	ng/u1	99
8) Phenol	7.052	94	307998	19.821	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.275	93	253473	20.022	ng/u1	98
12) 2-Chlorophenol	7.411	128	245100	20.041	ng/u1	98
13) 2-Methylphenol	8.305	108	232924	19.756	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.381	45	324274	20.059	ng/u1	99
16) Acetophenone	8.681	105	384474	20.246	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.669	70	208142	19.966	ng/u1	97
18) 4-Methylphenol	8.634	108	255802	20.030	ng/u1	99
19) Hexachloroethane	8.928	117	101770	19.869	ng/u1	97
22) Nitrobenzene	9.063	77	313914	21.168	ng/u1	99
23) Isophorone	9.593	82	578959	20.685	ng/u1	99
25) 2-Nitrophenol	9.775	139	147762	21.170	ng/u1	99
26) 2,4-Dimethylphenol	9.840	107	289124	20.918	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.075	93	353150	20.652	ng/u1	99
29) 2,4-Dichlorophenol	10.310	162	250640	20.696	ng/u1	92
30) Naphthalene	10.710	128	807283	20.474	ng/u1	100
32) 4-Chloroaniline	10.828	127	358678	21.049	ng/u1	99
33) Hexachlorobutadiene	10.993	225	174817	20.600	ng/u1	96
34) Caprolactam	11.616	113	78556m	20.758	ng/u1	
35) 4-Chloro-3-methylphenol	11.963	107	268903	20.715	ng/u1	99
36) 2-Methylnaphthalene	12.322	142	549173	20.498	ng/u1	99

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37) 1-Methylnaphthalene	12.546	142	574283	20.952	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.693	216	338521	20.455	ng/u1	98
40) Hexachlorocyclopentadiene	12.669	237	229843	19.291	ng/u1	96
41) 2,4,6-Trichlorophenol	12.940	196	222445	20.372	ng/u1	98
42) 2,4,5-Trichlorophenol	13.010	196	242103	20.470	ng/u1	96
43) 1,1'-Biphenyl	13.340	154	763148	20.107	ng/u1	99
44) 2-Chloronaphthalene	13.381	162	598700	20.272	ng/u1	98
45) 2-Nitroaniline	13.593	65	182213	20.548	ng/u1	99
47) Dimethylphthalate	13.969	163	788412	20.659	ng/u1	99
48) 2,6-Dinitrotoluene	14.093	165	160858	21.260	ng/u1	96
50) Acenaphthylene	14.228	152	924133	20.684	ng/u1	99
51) 3-Nitroaniline	14.422	138	135021	19.824	ng/u1	97
52) Acenaphthene	14.569	153	629884	20.310	ng/u1	96
53) 2,4-Dinitrophenol	14.628	184	103254	19.413	ng/u1	98
55) 4-Nitrophenol	14.740	109	126059	21.270	ng/u1	98
56) Dibenzofuran	14.904	168	919087	20.773	ng/u1	99
57) 2,4-Dinitrotoluene	14.875	165	231862	21.660	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.134	232	221095	20.961	ng/u1	98
59) Diethylphthalate	15.334	149	773563	20.400	ng/u1	98
61) Fluorene	15.557	166	745466	20.603	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.551	204	383705	20.214	ng/u1	100
63) 4-Nitroaniline	15.587	138	126052m	20.392	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.640	198	151097	20.344	ng/u1	100
67) N-Nitrosodiphenylamine	15.769	169	628820	19.977	ng/u1	97
68) 4-Bromophenyl-phenylether	16.445	248	257509	20.169	ng/u1	95
69) Hexachlorobenzene	16.557	284	301066	20.411	ng/u1	98
70) Atrazine	16.722	200	256312	20.266	ng/u1	100
71) Pentachlorophenol	16.904	266	190156	20.135	ng/u1	100
72) Phenanthrene	17.298	178	1204452	20.515	ng/u1	100
74) Anthracene	17.386	178	1192014	20.370	ng/u1	97
75) 1,2,3,4-Tetrachloroben...	13.298	216	330752	19.721	ng/uL	98
76) Pentachlorobenzene	14.822	250	347858	20.798	ng/uL	97
77) Carbazole	17.663	167	1072017	20.906	ng/u1	99
78) Di-n-butylphthalate	18.228	149	1336368	12.159	ng/u1	99
80) Fluoranthene	19.316	202	1477119	20.164	ng/u1	98
82) Pyrene	19.680	202	1501363	20.149	ng/u1	99
83) Butylbenzylphthalate	20.580	149	618826	19.914	ng/u1	95
84) 3,3'-Dichlorobenzidine	21.375	252	518204	21.347	ng/u1	99
85) Benzo(a)anthracene	21.433	228	1470315	20.528	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.363	149	916596	19.993	ng/u1	98
87) Chrysene	21.486	228	1380458	20.888	ng/u1	96
89) Di-n-octyl phthalate	22.286	149	1511668	18.724	ng/u1	100
90) Benzo(b)fluoranthene	23.121	252	1436830	19.411	ng/u1	99
91) Benzo(k)fluoranthene	23.169	252	1456915	20.842	ng/u1	98
93) Benzo(a)pyrene	23.745	252	1244370	19.981	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.339	276	1534106	20.414	ng/u1	97
95) Dibenzo(a,h)anthracene	26.357	278	1258424	20.248	ng/u1	98
96) Benzo(g,h,i)perylene	27.104	276	1169345	19.761	ng/u1	98

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

