

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012523\
 Data File : BN023795.D
 Acq On : 25 Jan 2023 15:26
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020396

Quant Time: Jan 25 22:57:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 25 22:57:21 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	7.881	152	225531	20.000	ng/u1	0.00
20) Naphthalene-d8	10.693	136	1009412	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.534	164	617182	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.280	188	1336652	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	1286814	20.000	ng/u1	0.00
88) Perylene-d12	23.898	264	1184029	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	40758	7.777	ng/uL	0.00
4) Pyridine-d5	3.687	84	301915	19.200	ng/u1	0.00
7) Phenol-d5	7.046	99	377043	18.863	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	236037	19.249	ng/u1	0.00
11) 2-Chlorophenol-d4	7.410	132	304783	19.910	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	294983	18.490	ng/u1	0.00
21) Nitrobenzene-d5	9.052	128	147354	19.359	ng/u1	0.00
24) 2-Nitrophenol-d4	9.775	143	161358	20.025	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	288095	18.745	ng/u1	0.00
31) 4-Chloroaniline-d4	10.834	131	428657	17.731	ng/u1	0.00
46) Dimethylphthalate-d6	13.945	166	776091	16.904	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	969648	19.061	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	160551	17.178	ng/u1	0.00
60) Fluorene-d10	15.528	176	720977	18.378	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	141465	17.544	ng/u1	0.00
73) Anthracene-d10	17.380	188	1119767	18.721	ng/u1	0.00
81) Pyrene-d10	19.674	212	1318572	17.917	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.733	264	1094578	18.694	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	44214	7.992	ng/uL	96
5) Pyridine	3.711	79	304270	18.902	ng/u1	96
6) Benzaldehyde	7.016	77	168544	21.773	ng/u1	97
8) Phenol	7.075	94	381981	18.773	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.305	93	312381	19.431	ng/u1	100
12) 2-Chlorophenol	7.440	128	313433	19.813	ng/u1	98
13) 2-Methylphenol	8.328	108	284362	18.571	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.422	45	419631m	19.516	ng/u1	
16) Acetophenone	8.710	105	468657	19.006	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.699	70	242906	19.565	ng/u1	99
18) 4-Methylphenol	8.663	108	313166	18.572	ng/u1	97
19) Hexachloroethane	8.963	117	126672	20.020	ng/u1	98
22) Nitrobenzene	9.093	77	364537	19.136	ng/u1	99
23) Isophorone	9.622	82	664134	19.276	ng/u1	99
25) 2-Nitrophenol	9.810	139	173882	19.414	ng/u1	98
26) 2,4-Dimethylphenol	9.869	107	341294	18.776	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.110	93	418053	18.707	ng/u1	99
29) 2,4-Dichlorophenol	10.340	162	288244	18.743	ng/u1	97
30) Naphthalene	10.746	128	994610	18.329	ng/u1	99
32) 4-Chloroaniline	10.857	127	430061	17.762	ng/u1	99
33) Hexachlorobutadiene	11.028	225	181422	19.073	ng/u1	98
34) Caprolactam	11.640	113	83163m	16.101	ng/u1	
35) 4-Chloro-3-methylphenol	11.987	107	284378	16.959	ng/u1	97
36) 2-Methylnaphthalene	12.357	142	576611	15.940	ng/u1	97

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37) 1-Methylnaphthalene	12.575	142	607113	16.428	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.722	216	322694	17.679	ng/u1	99
40) Hexachlorocyclopentadiene	12.698	237	204898	17.810	ng/u1	97
41) 2,4,6-Trichlorophenol	12.969	196	194031	16.126	ng/u1	95
42) 2,4,5-Trichlorophenol	13.034	196	209714	15.938	ng/u1	91
43) 1,1'-Biphenyl	13.369	154	744185	15.629	ng/u1	99
44) 2-Chloronaphthalene	13.410	162	585195	15.841	ng/u1	99
45) 2-Nitroaniline	13.622	65	179178	17.588	ng/u1	98
47) Dimethylphthalate	13.992	163	807249	17.498	ng/u1	99
48) 2,6-Dinitrotoluene	14.116	165	166902	19.137	ng/u1	98
50) Acenaphthylene	14.257	152	1060125	18.743	ng/u1	99
51) 3-Nitroaniline	14.445	138	161281	18.454	ng/u1	100
52) Acenaphthene	14.598	153	739870	18.553	ng/u1	95
53) 2,4-Dinitrophenol	14.651	184	83029	14.566	ng/u1	99
55) 4-Nitrophenol	14.751	109	131603	17.435	ng/u1	98
56) Dibenzofuran	14.934	168	1030613	18.567	ng/u1	100
57) 2,4-Dinitrotoluene	14.904	165	250462	19.671	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.157	232	209059	18.541	ng/u1	98
59) Diethylphthalate	15.357	149	874829	18.930	ng/u1	97
61) Fluorene	15.581	166	817112	18.179	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.575	204	404254	18.474	ng/u1	98
63) 4-Nitroaniline	15.610	138	149519	18.581	ng/u1	96
66) 4,6-Dinitro-2-methylph...	15.663	198	141888	17.831	ng/u1	98
67) N-Nitrosodiphenylamine	15.792	169	703104	18.744	ng/u1	98
68) 4-Bromophenyl-phenylether	16.469	248	249119	18.594	ng/u1	93
69) Hexachlorobenzene	16.586	284	288377	18.367	ng/u1	100
70) Atrazine	16.745	200	259087	18.455	ng/u1	99
71) Pentachlorophenol	16.933	266	177512	17.715	ng/u1	95
72) Phenanthrene	17.322	178	1311057	18.305	ng/u1	100
74) Anthracene	17.416	178	1332293	18.691	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.334	216	283110	15.732	ng/uL	97
76) Pentachlorobenzene	14.851	250	333289	18.489	ng/uL	94
77) Carbazole	17.692	167	1217437	18.811	ng/u1	97
78) Di-n-butylphthalate	18.251	149	1499117	19.509	ng/u1	100
80) Fluoranthene	19.339	202	1499922	17.425	ng/u1	98
82) Pyrene	19.704	202	1627911	17.905	ng/u1	98
83) Butylbenzylphthalate	20.604	149	698917	19.417	ng/u1	95
84) 3,3'-Dichlorobenzidine	21.398	252	535978	19.067	ng/u1	96
85) Benzo(a)anthracene	21.463	228	1591993	18.264	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.386	149	1049471	20.081	ng/u1	99
87) Chrysene	21.516	228	1481414	18.126	ng/u1	97
89) Di-n-octyl phthalate	22.316	149	1700829	20.814	ng/u1	100
90) Benzo(b)fluoranthene	23.163	252	1492484	19.788	ng/u1	99
91) Benzo(k)fluoranthene	23.210	252	1395470	18.706	ng/u1	99
93) Benzo(a)pyrene	23.786	252	1198661	18.325	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.409	276	1436590	17.771	ng/u1	98
95) Dibenzo(a,h)anthracene	26.421	278	1164672	17.425	ng/u1	99
96) Benzo(g,h,i)perylene	27.180	276	1133452	17.606	ng/u1	99

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

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