

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010523\
 Data File : BN023568.D
 Acq On : 05 Jan 2023 15:42
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020379

Quant Time: Jan 06 03:50:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 05 03:34:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/06/2023
 Supervised By :mohammad ahmed 01/06/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	199803	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.757	136	911059	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.598	164	571268	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.351	188	1279838	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	1219209	20.000	ng/u1	0.00
88) Perylene-d12	23.968	264	1300821	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	37814	8.144	ng/uL	0.00
4) Pyridine-d5	3.722	84	261371	18.762	ng/u1	0.00
7) Phenol-d5	7.099	99	339128	19.151	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.269	67	215018	19.793	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	278740	20.553	ng/u1	0.00
15) 4-Methylphenol-d8	8.657	113	273975	19.384	ng/u1	-0.01
21) Nitrobenzene-d5	9.116	128	138027	20.091	ng/u1	0.00
24) 2-Nitrophenol-d4	9.840	143	148516	20.421	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	277568	20.009	ng/u1	0.00
31) 4-Chloroaniline-d4	10.904	131	428501	19.638	ng/u1	0.00
46) Dimethylphthalate-d6	14.010	166	828708	19.501	ng/u1	0.00
49) Acenaphthylene-d8	14.292	160	970044	20.602	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	168307	19.455	ng/u1	0.00
60) Fluorene-d10	15.592	176	734676	20.232	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.716	200	145269	18.816	ng/u1	0.00
73) Anthracene-d10	17.451	188	1126572	19.671	ng/u1	0.00
81) Pyrene-d10	19.745	212	1364252	19.565	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.815	264	1270767	19.754	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	38588	7.873	ng/uL	97
5) Pyridine	3.746	79	279070	19.569	ng/u1	97
6) Benzaldehyde	7.075	77	136636	19.924	ng/u1	97
8) Phenol	7.128	94	351357	19.492	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.363	93	285004	20.010	ng/u1	99
12) 2-Chlorophenol	7.499	128	281017	20.051	ng/u1	99
13) 2-Methylphenol	8.393	108	268509	19.794	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.481	45	378408	19.865	ng/u1	98
16) Acetophenone	8.775	105	444257	20.336	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.763	70	221874	20.172	ng/u1	98
18) 4-Methylphenol	8.722	108	296613	19.855	ng/u1	96
19) Hexachloroethane	9.028	117	112424	20.057	ng/u1	96
22) Nitrobenzene	9.157	77	337558	19.632	ng/u1	98
23) Isophorone	9.687	82	613584	19.732	ng/u1	98
25) 2-Nitrophenol	9.869	139	163688	20.248	ng/u1	98
26) 2,4-Dimethylphenol	9.934	107	327041	19.935	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.169	93	395410	19.604	ng/u1	99
29) 2,4-Dichlorophenol	10.404	162	273865	19.731	ng/u1	98
30) Naphthalene	10.810	128	964558	19.695	ng/u1	98
32) 4-Chloroaniline	10.922	127	431572	19.749	ng/u1	97
33) Hexachlorobutadiene	11.093	225	172977	20.148	ng/u1	96
34) Caprolactam	11.704	113	88740m	19.036	ng/u1	
35) 4-Chloro-3-methylphenol	12.051	107	305799	20.206	ng/u1	98
36) 2-Methylnaphthalene	12.422	142	649267	19.887	ng/u1	97

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37) 1-Methylnaphthalene	12.640	142	670870	20.113	ng/u1	95
39) 1,2,4,5-Tetrachloroben...	12.793	216	337200	19.958	ng/u1	96
40) Hexachlorocyclopentadiene	12.769	237	196677	18.470	ng/u1	98
41) 2,4,6-Trichlorophenol	13.034	196	224839	20.188	ng/u1	95
42) 2,4,5-Trichlorophenol	13.104	196	248065	20.367	ng/u1	95
43) 1,1'-Biphenyl	13.434	154	883093	20.037	ng/u1	98
44) 2-Chloronaphthalene	13.475	162	681004	19.916	ng/u1	98
45) 2-Nitroaniline	13.681	65	193907	20.564	ng/u1	99
47) Dimethylphthalate	14.057	163	853408	19.985	ng/u1	99
48) 2,6-Dinitrotoluene	14.181	165	168951	20.929	ng/u1	98
50) Acenaphthylene	14.322	152	1062022	20.285	ng/u1	99
51) 3-Nitroaniline	14.510	138	155453	19.216	ng/u1	99
52) Acenaphthene	14.663	153	729362	19.760	ng/u1	99
53) 2,4-Dinitrophenol	14.716	184	92990	17.624	ng/u1	95
55) 4-Nitrophenol	14.816	109	136726	19.570	ng/u1	97
56) Dibenzofuran	14.998	168	1018828	19.830	ng/u1	98
57) 2,4-Dinitrotoluene	14.969	165	247756	21.023	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.228	232	213400	20.448	ng/u1	94
59) Diethylphthalate	15.422	149	857330	20.043	ng/u1	98
61) Fluorene	15.651	166	836234	20.100	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.645	204	408185	20.153	ng/u1	97
63) 4-Nitroaniline	15.675	138	140828	18.908	ng/u1	96
66) 4,6-Dinitro-2-methylph...	15.728	198	143335	18.812	ng/u1	94
67) N-Nitrosodiphenylamine	15.857	169	699554	19.477	ng/u1	99
68) 4-Bromophenyl-phenylether	16.539	248	253319	19.747	ng/u1	94
69) Hexachlorobenzene	16.651	284	298272	19.841	ng/u1	96
70) Atrazine	16.816	200	259552	19.309	ng/u1	99
71) Pentachlorophenol	16.998	266	185839	19.370	ng/u1	95
72) Phenanthrene	17.392	178	1369974	19.977	ng/u1	99
74) Anthracene	17.486	178	1353386	19.830	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	333162	19.335	ng/uL	98
76) Pentachlorobenzene	14.916	250	339474	19.669	ng/uL	97
77) Carbazole	17.757	167	1245416	20.097	ng/u1	98
78) Di-n-butylphthalate	18.316	149	1498480	20.366	ng/u1	100
80) Fluoranthene	19.410	202	1618735	19.848	ng/u1	100
82) Pyrene	19.775	202	1712839	19.884	ng/u1	99
83) Butylbenzylphthalate	20.674	149	701494	20.569	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.463	252	533933	20.048	ng/u1	92
85) Benzo(a)anthracene	21.527	228	1642317	19.886	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	1017827	20.555	ng/u1	99
87) Chrysene	21.580	228	1577407	20.371	ng/u1	96
89) Di-n-octyl phthalate	22.386	149	1717973	19.136	ng/u1	100
90) Benzo(b)fluoranthene	23.227	252	1639279	19.783	ng/u1	99
91) Benzo(k)fluoranthene	23.280	252	1592485	19.431	ng/u1	100
93) Benzo(a)pyrene	23.863	252	1451996	20.205	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.498	276	1830405	20.610	ng/u1	95
95) Dibenzo(a,h)anthracene	26.527	278	1497761	20.396	ng/u1	97
96) Benzo(g,h,i)perylene	27.292	276	1418164	20.051	ng/u1	98

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

