

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010523\
 Data File : BN023561.D
 Acq On : 05 Jan 2023 09:44
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020378

Quant Time: Jan 05 10:49:16 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	7.946	152	202484	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	944691	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.604	164	593876	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.351	188	1309853	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	1245817	20.000	ng/u1	0.00
88) Perylene-d12	23.969	264	1330522	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	36324	7.720	ng/uL	0.00
4) Pyridine-d5	3.728	84	275858	19.540	ng/u1	0.00
7) Phenol-d5	7.105	99	347179	19.346	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	218998	19.892	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	283529	20.629	ng/u1	0.00
15) 4-Methylphenol-d8	8.664	113	287329	20.060	ng/u1	0.00
21) Nitrobenzene-d5	9.116	128	141283	19.833	ng/u1	0.00
24) 2-Nitrophenol-d4	9.840	143	154251	20.455	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	287898	20.015	ng/u1	0.00
31) 4-Chloroaniline-d4	10.905	131	445520	19.691	ng/u1	0.00
46) Dimethylphthalate-d6	14.010	166	886084	20.057	ng/u1	0.00
49) Acenaphthylene-d8	14.293	160	1015601	20.748	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	176360	19.609	ng/u1	0.00
60) Fluorene-d10	15.593	176	769833	20.393	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.716	200	153467	19.422	ng/u1	0.00
73) Anthracene-d10	17.451	188	1195965	20.404	ng/u1	0.00
81) Pyrene-d10	19.745	212	1436631	20.163	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.810	264	1325643	20.147	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.334	88	39300	7.912	ng/uL	97
5) Pyridine	3.746	79	279596	19.346	ng/u1	99
6) Benzaldehyde	7.081	77	140682	20.242	ng/u1	99
8) Phenol	7.134	94	360550	19.737	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.369	93	292248	20.247	ng/u1	95
12) 2-Chlorophenol	7.505	128	289602	20.390	ng/u1	99
13) 2-Methylphenol	8.393	108	273002	19.859	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.481	45	386449	20.019	ng/u1	99
16) Acetophenone	8.775	105	448959	20.280	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.763	70	227450	20.405	ng/u1	98
18) 4-Methylphenol	8.728	108	305083	20.152	ng/u1	95
19) Hexachloroethane	9.028	117	115336	20.304	ng/u1	97
22) Nitrobenzene	9.158	77	348871	19.568	ng/u1	99
23) Isophorone	9.687	82	640810	19.873	ng/u1	100
25) 2-Nitrophenol	9.875	139	169460	20.216	ng/u1	98
26) 2,4-Dimethylphenol	9.934	107	338515	19.899	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.175	93	405209	19.374	ng/u1	99
29) 2,4-Dichlorophenol	10.410	162	282819	19.650	ng/u1	99
30) Naphthalene	10.816	128	990065	19.496	ng/u1	99
32) 4-Chloroaniline	10.928	127	448891	19.810	ng/u1	98
33) Hexachlorobutadiene	11.099	225	174308	19.581	ng/u1	98
34) Caprolactam	11.710	113	90427m	18.707	ng/u1	
35) 4-Chloro-3-methylphenol	12.052	107	318284	20.282	ng/u1	98
36) 2-Methylnaphthalene	12.428	142	679078	20.059	ng/u1	94

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37) 1-Methylnaphthalene	12.646	142	691736	20.000	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.793	216	357803	20.371	ng/u1	97
40) Hexachlorocyclopentadiene	12.769	237	201435	18.196	ng/u1	96
41) 2,4,6-Trichlorophenol	13.034	196	235061	20.303	ng/u1	95
42) 2,4,5-Trichlorophenol	13.104	196	257785	20.360	ng/u1	92
43) 1,1'-Biphenyl	13.434	154	908687	19.833	ng/u1	100
44) 2-Chloronaphthalene	13.481	162	706325	19.870	ng/u1	99
45) 2-Nitroaniline	13.687	65	204684	20.880	ng/u1	96
47) Dimethylphthalate	14.063	163	889721	20.042	ng/u1	100
48) 2,6-Dinitrotoluene	14.181	165	176771	21.064	ng/u1	96
50) Acenaphthylene	14.322	152	1117745	20.537	ng/u1	99
51) 3-Nitroaniline	14.510	138	161973	19.260	ng/u1	99
52) Acenaphthene	14.663	153	767811	20.010	ng/u1	97
53) 2,4-Dinitrophenol	14.716	184	95546	17.420	ng/u1	97
55) 4-Nitrophenol	14.816	109	142834	19.666	ng/u1	98
56) Dibenzofuran	14.998	168	1078478	20.192	ng/u1	99
57) 2,4-Dinitrotoluene	14.969	165	261068	21.309	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.228	232	229811	21.182	ng/u1	96
59) Diethylphthalate	15.422	149	904159	20.333	ng/u1	99
61) Fluorene	15.651	166	868804	20.088	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.645	204	429334	20.391	ng/u1	93
63) 4-Nitroaniline	15.675	138	148770	19.214	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.728	198	148798	19.082	ng/u1	96
67) N-Nitrosodiphenylamine	15.857	169	733528	19.955	ng/u1	99
68) 4-Bromophenyl-phenylether	16.540	248	268740	20.469	ng/u1	98
69) Hexachlorobenzene	16.651	284	318210	20.682	ng/u1	99
70) Atrazine	16.816	200	274941	19.985	ng/u1	99
71) Pentachlorophenol	16.998	266	194682	19.826	ng/u1	95
72) Phenanthrene	17.392	178	1426734	20.328	ng/u1	100
74) Anthracene	17.487	178	1415307	20.262	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.399	216	350698	19.887	ng/uL	97
76) Pentachlorobenzene	14.922	250	349091	19.762	ng/uL	99
77) Carbazole	17.757	167	1299947	20.496	ng/u1	100
78) Di-n-butylphthalate	18.322	149	1576493	20.936	ng/u1	99
80) Fluoranthene	19.410	202	1668277	20.019	ng/u1	99
82) Pyrene	19.775	202	1711195	19.440	ng/u1	99
83) Butylbenzylphthalate	20.675	149	742069	21.294	ng/u1	95
84) 3,3'-Dichlorobenzidine	21.457	252	568878	20.903	ng/u1	95
85) Benzo(a)anthracene	21.528	228	1716118	20.336	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.445	149	1068594	21.120	ng/u1	99
87) Chrysene	21.580	228	1602566	20.254	ng/u1	96
89) Di-n-octyl phthalate	22.380	149	1777195	19.354	ng/u1	100
90) Benzo(b)fluoranthene	23.227	252	1745220	20.592	ng/u1	99
91) Benzo(k)fluoranthene	23.274	252	1639047	19.552	ng/u1	100
93) Benzo(a)pyrene	23.863	252	1481079	20.150	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.498	276	1846911	20.332	ng/u1	98
95) Dibenzo(a,h)anthracene	26.521	278	1524271	20.294	ng/u1	97
96) Benzo(g,h,i)perylene	27.280	276	1483422	20.505	ng/u1	99

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

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