

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020623\
 Data File : BN023961.D
 Acq On : 06 Feb 2023 20:53
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020252

Quant Time: Feb 07 03:02:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 07 02:28:26 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2023
 Supervised By :mohammad ahmed 02/07/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	136648	20.000	ng/u1	0.00
20) Naphthalene-d8	10.646	136	577558	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.492	164	369633	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	803931	20.000	ng/u1	0.00
79) Chrysene-d12	21.439	240	649897	20.000	ng/u1	0.00
88) Perylene-d12	23.833	264	634264	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	27659	8.185	ng/uL	0.00
4) Pyridine-d5	3.652	84	191377	20.416	ng/u1	0.00
7) Phenol-d5	7.010	99	234314	20.058	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	153730	20.854	ng/u1	0.00
11) 2-Chlorophenol-d4	7.369	132	187946	20.686	ng/u1	0.00
15) 4-Methylphenol-d8	8.557	113	190344	20.858	ng/u1	0.00
21) Nitrobenzene-d5	9.010	128	93929	20.372	ng/u1	0.00
24) 2-Nitrophenol-d4	9.734	143	104306	20.147	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	197490	20.470	ng/u1	0.00
31) 4-Chloroaniline-d4	10.793	131	272286	20.882	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	595384	20.840	ng/u1	0.00
49) Acenaphthylene-d8	14.187	160	669142	21.142	ng/u1	0.00
54) 4-Nitrophenol-d4	14.704	143	99524	20.252	ng/u1	0.00
60) Fluorene-d10	15.486	176	504559	20.976	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	105952	19.075	ng/u1	0.00
73) Anthracene-d10	17.339	188	758737	20.718	ng/u1	0.00
81) Pyrene-d10	19.639	212	854977	21.839	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.674	264	672888	20.737	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	28405	7.947	ng/uL#	90
5) Pyridine	3.675	79	193559	20.539	ng/u1	100
6) Benzaldehyde	6.981	77	110810	21.894	ng/u1	97
8) Phenol	7.034	94	242563	20.571	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.269	93	196890	20.544	ng/u1	98
12) 2-Chlorophenol	7.399	128	190833	20.658	ng/u1	97
13) 2-Methylphenol	8.293	108	183644	20.790	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.375	45	256546	21.488	ng/u1	99
16) Acetophenone	8.669	105	306288	21.514	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.657	70	165334	21.624	ng/u1	98
18) 4-Methylphenol	8.622	108	200384	21.057	ng/u1	100
19) Hexachloroethane	8.916	117	79802	20.675	ng/u1	92
22) Nitrobenzene	9.052	77	243639	20.828	ng/u1	99
23) Isophorone	9.581	82	444928	20.669	ng/u1	99
25) 2-Nitrophenol	9.763	139	112227	20.721	ng/u1	99
26) 2,4-Dimethylphenol	9.828	107	228236	21.150	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.063	93	277213	20.732	ng/u1	100
29) 2,4-Dichlorophenol	10.298	162	196805	21.035	ng/u1	98
30) Naphthalene	10.698	128	632229	20.413	ng/u1	100
32) 4-Chloroaniline	10.816	127	275432	21.160	ng/u1	97
33) Hexachlorobutadiene	10.981	225	134591	20.061	ng/u1	98
34) Caprolactam	11.598	113	54084m	20.328	ng/u1	
35) 4-Chloro-3-methylphenol	11.945	107	206695	21.025	ng/u1	97
36) 2-Methylnaphthalene	12.310	142	433476	20.787	ng/u1	99

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37) 1-Methylnaphthalene	12.534	142	445527	21.001	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.681	216	270443	20.884	ng/u1	97
40) Hexachlorocyclopentadiene	12.657	237	177673	18.935	ng/u1	96
41) 2,4,6-Trichlorophenol	12.928	196	168446	20.497	ng/u1	99
42) 2,4,5-Trichlorophenol	12.998	196	184683	20.753	ng/u1	98
43) 1,1'-Biphenyl	13.328	154	595742	20.242	ng/u1	99
44) 2-Chloronaphthalene	13.369	162	468425	20.474	ng/u1	98
45) 2-Nitroaniline	13.581	65	133505	20.445	ng/u1	96
47) Dimethylphthalate	13.957	163	596453	20.959	ng/u1	99
48) 2,6-Dinitrotoluene	14.081	165	116284	20.906	ng/u1	99
50) Acenaphthylene	14.216	152	714747	21.212	ng/u1	98
51) 3-Nitroaniline	14.410	138	99042	20.219	ng/u1	95
52) Acenaphthene	14.557	153	490303	20.831	ng/u1	99
53) 2,4-Dinitrophenol	14.616	184	66899	17.888	ng/u1	97
55) 4-Nitrophenol	14.722	109	91157	20.957	ng/u1	96
56) Dibenzofuran	14.892	168	706375	21.213	ng/u1	97
57) 2,4-Dinitrotoluene	14.863	165	161932	20.976	ng/u1	95
58) 2,3,4,6-Tetrachlorophenol	15.122	232	157746	20.379	ng/u1	98
59) Diethylphthalate	15.322	149	576255	20.739	ng/u1	99
61) Fluorene	15.539	166	564027	20.667	ng/u1	97
62) 4-Chlorophenyl-phenyle...	15.539	204	306776	21.366	ng/u1	99
63) 4-Nitroaniline	15.575	138	86792m	20.679	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.628	198	105851	19.596	ng/u1	98
67) N-Nitrosodiphenylamine	15.757	169	485237	20.944	ng/u1	98
68) 4-Bromophenyl-phenylether	16.433	248	193370	20.528	ng/u1	93
69) Hexachlorobenzene	16.545	284	219791	20.421	ng/u1	98
70) Atrazine	16.710	200	180595	19.953	ng/u1	99
71) Pentachlorophenol	16.892	266	129272	18.909	ng/u1	93
72) Phenanthrene	17.286	178	877986	20.516	ng/u1	97
74) Anthracene	17.375	178	884852	20.650	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.292	216	259915	20.155	ng/uL	99
76) Pentachlorobenzene	14.810	250	267512	20.901	ng/uL	92
77) Carbazole	17.651	167	750747	20.329	ng/u1	98
78) Di-n-butylphthalate	18.216	149	920804	14.929	ng/u1	98
80) Fluoranthene	19.304	202	993797	21.335	ng/u1	99
82) Pyrene	19.669	202	1027326	21.667	ng/u1	100
83) Butylbenzylphthalate	20.574	149	366406	19.725	ng/u1	97
84) 3,3'-Dichlorobenzidine	21.363	252	304302	19.905	ng/u1	90
85) Benzo(a)anthracene	21.421	228	914247	20.301	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.351	149	532900	19.333	ng/u1	99
87) Chrysene	21.474	228	877313	21.051	ng/u1	96
89) Di-n-octyl phthalate	22.274	149	838395	19.119	ng/u1	100
90) Benzo(b)fluoranthene	23.104	252	871661	20.859	ng/u1	99
91) Benzo(k)fluoranthene	23.151	252	846254	21.254	ng/u1	93
93) Benzo(a)pyrene	23.727	252	736823	20.769	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.309	276	955843	20.874	ng/u1	97
95) Dibenzo(a,h)anthracene	26.327	278	797434	20.986	ng/u1	98
96) Benzo(g,h,i)perylene	27.080	276	763452	20.615	ng/u1	98

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

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