

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021922\
 Data File : BN018657.D
 Acq On : 18 Feb 2022 17:36
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020288

Quant Time: Feb 18 23:30:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN021622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 16 16:48:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/21/2022
 Supervised By :mohammad ahmed 02/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	203276	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	751093	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	415351	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	772351	20.000	ng/u1	0.00
79) Chrysene-d12	21.469	240	739641	20.000	ng/u1	0.00
88) Perylene-d12	23.868	264	764041	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	46951	8.706	ng/uL	0.00
4) Pyridine-d5	3.705	84	307675	21.102	ng/u1	0.00
7) Phenol-d5	7.063	99	360989	21.532	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	220870	21.227	ng/u1	0.00
11) 2-Chlorophenol-d4	7.440	132	291133	22.048	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	267941	20.928	ng/u1	0.00
21) Nitrobenzene-d5	9.075	128	129399	22.420	ng/u1	0.00
24) 2-Nitrophenol-d4	9.799	143	136756	22.125	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	259757	22.017	ng/u1	0.00
31) 4-Chloroaniline-d4	10.851	131	328174	20.818	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	650950	21.649	ng/u1	0.00
49) Acenaphthylene-d8	14.240	160	862368	22.138	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	106622	20.406	ng/u1	0.00
60) Fluorene-d10	15.539	176	549331	21.161	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	90583	19.878	ng/u1	0.00
73) Anthracene-d10	17.386	188	819316	22.170	ng/u1	0.00
81) Pyrene-d10	19.675	212	889167	20.539	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.710	264	852961	21.890	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	49250	8.642	ng/uL	93
5) Pyridine	3.722	79	317219	21.061	ng/u1	97
6) Benzaldehyde	7.040	77	199480	21.515	ng/u1	97
8) Phenol	7.093	94	371867	21.320	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.328	93	296113	20.991	ng/u1	98
12) 2-Chlorophenol	7.475	128	302172	21.604	ng/u1	94
13) 2-Methylphenol	8.352	108	269156	21.137	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.446	45	392450	20.975	ng/u1	99
16) Acetophenone	8.734	105	420044	20.851	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.722	70	205538	20.726	ng/u1	94
18) 4-Methylphenol	8.681	108	286724	20.910	ng/u1	97
19) Hexachloroethane	9.004	117	125030	20.982	ng/u1	95
22) Nitrobenzene	9.116	77	322587	21.844	ng/u1	95
23) Isophorone	9.640	82	549294	21.291	ng/u1	95
25) 2-Nitrophenol	9.828	139	149868	21.747	ng/u1	94
26) 2,4-Dimethylphenol	9.887	107	312884	21.405	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.128	93	358836	21.257	ng/u1	99
29) 2,4-Dichlorophenol	10.363	162	261465	21.742	ng/u1	98
30) Naphthalene	10.775	128	884647	21.555	ng/u1	100
32) 4-Chloroaniline	10.875	127	345589	21.181	ng/u1	98
33) Hexachlorobutadiene	11.069	225	186589	21.505	ng/u1	97
34) Caprolactam	11.616	113	62338m	19.689	ng/u1	
35) 4-Chloro-3-methylphenol	11.993	107	256826	21.132	ng/u1	98
36) 2-Methylnaphthalene	12.381	142	572138	20.968	ng/u1	99

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37) 1-Methylnaphthalene	12.598	142	575519	20.832	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.751	216	313835	22.507	ng/ul	94
40) Hexachlorocyclopentadiene	12.740	237	204415	21.291	ng/ul	99
41) 2,4,6-Trichlorophenol	12.987	196	182330	22.317	ng/ul	98
42) 2,4,5-Trichlorophenol	13.051	196	199966	22.409	ng/ul	98
43) 1,1'-Biphenyl	13.387	154	740417	21.799	ng/ul	98
44) 2-Chloronaphthalene	13.428	162	578567	22.149	ng/ul	95
45) 2-Nitroaniline	13.622	65	143169	21.590	ng/ul	89
47) Dimethylphthalate	13.998	163	653616	21.271	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	126619	22.083	ng/ul	99
50) Acenaphthylene	14.269	152	887377	21.752	ng/ul	99
51) 3-Nitroaniline	14.439	138	92000	17.244	ng/ul	91
52) Acenaphthene	14.616	153	564176	21.347	ng/ul	98
53) 2,4-Dinitrophenol	14.645	184	58774	17.508	ng/ul	93
55) 4-Nitrophenol	14.739	109	95075	20.065	ng/ul	87
56) Dibenzofuran	14.945	168	815112	21.651	ng/ul	94
57) 2,4-Dinitrotoluene	14.898	165	174291	21.040	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.169	232	152638	22.095	ng/ul	92
59) Diethylphthalate	15.363	149	632535	21.250	ng/ul	97
61) Fluorene	15.592	166	618361	21.294	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.586	204	315830	21.231	ng/ul	92
63) 4-Nitroaniline	15.598	138	75288	16.768	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.663	198	96427	20.516	ng/ul	95
67) N-Nitrosodiphenylamine	15.798	169	529953	22.149	ng/ul	96
68) 4-Bromophenyl-phenylether	16.481	248	186796	21.883	ng/ul	92
69) Hexachlorobenzene	16.598	284	204638	21.266	ng/ul#	88
70) Atrazine	16.739	200	178932	21.042	ng/ul	97
71) Pentachlorophenol	16.939	266	110651	20.435	ng/ul	98
72) Phenanthrene	17.328	178	938038	21.508	ng/ul	96
74) Anthracene	17.422	178	947638	21.638	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	332421	22.968	ng/uL	99
76) Pentachlorobenzene	14.869	250	268286	22.032	ng/uL	97
77) Carbazole	17.686	167	837066	22.448	ng/ul	98
78) Di-n-butylphthalate	18.257	149	949933	21.978	ng/ul	99
80) Fluoranthene	19.345	202	1069291	20.684	ng/ul	99
82) Pyrene	19.704	202	1085641	20.425	ng/ul	98
83) Butylbenzylphthalate	20.598	149	414041	22.430	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.380	252	292983	21.131	ng/ul	98
85) Benzo(a)anthracene	21.451	228	1059720	21.557	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.380	149	621787	22.427	ng/ul	98
87) Chrysene	21.504	228	1030363	21.180	ng/ul	99
89) Di-n-octyl phthalate	22.304	149	1064424	20.376	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	1104643	21.447	ng/ul	98
91) Benzo(k)fluoranthene	23.186	252	1069306	21.931	ng/ul	98
93) Benzo(a)pyrene	23.763	252	1090076	21.984	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.357	276	1251381	22.554	ng/ul	96
95) Dibenzo(a,h)anthracene	26.374	278	1083853	22.609	ng/ul	98
96) Benzo(g,h,i)perylene	27.121	276	1084131	22.891	ng/ul	97

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

