

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021522\
 Data File : BN018616.D
 Acq On : 15 Feb 2022 17:42
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV230

Quant Time: Feb 16 03:41:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN021522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 15 18:13:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/16/2022
 Supervised By :mohammad ahmed 02/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	173133	20.000	ng/u1	0.00
20) Naphthalene-d8	10.713	136	633421	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.543	164	354230	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.268	188	665424	20.000	ng/u1	0.00
79) Chrysene-d12	21.458	240	743420	20.000	ng/u1	# 0.00
88) Perylene-d12	23.868	264	610840	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	30999	7.890	ng/uL	0.00
4) Pyridine-d5	3.686	84	269658	20.253	ng/u1	0.00
7) Phenol-d5	7.042	99	278307	19.835	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	168144	19.733	ng/u1	0.00
11) 2-Chlorophenol-d4	7.425	132	231950	20.816	ng/u1	0.00
15) 4-Methylphenol-d8	8.596	113	217226	20.080	ng/u1	0.00
21) Nitrobenzene-d5	9.047	128	98956	20.793	ng/u1	0.00
24) 2-Nitrophenol-d4	9.790	143	108352	21.092	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.331	165	205377	20.785	ng/u1	0.00
31) 4-Chloroaniline-d4	10.826	131	261723	20.245	ng/u1	0.00
46) Dimethylphthalate-d6	13.935	166	525601	20.738	ng/u1	0.00
49) Acenaphthylene-d8	14.227	160	735692	21.197	ng/u1	0.00
54) 4-Nitrophenol-d4	14.700	143	81694	19.134	ng/u1	-0.02
60) Fluorene-d10	15.534	176	434501	20.274	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.647	200	66509	16.562	ng/u1	0.00
73) Anthracene-d10	17.381	188	661689	20.373	ng/u1	0.00
81) Pyrene-d10	19.656	212	670880	18.467	ng/u1	-0.02
92) Benzo(a)pyrene-d12	23.711	264	680016	20.683	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.303	88	44851	8.890	ng/uL	96
5) Pyridine	3.708	79	247745	18.958	ng/u1	93
6) Benzaldehyde	7.019	77	157766	20.072	ng/u1	100
8) Phenol	7.064	94	276619	19.458	ng/u1#	86
10) Bis(2-Chloroethyl)ether	7.312	93	244934	20.905	ng/u1	97
12) 2-Chlorophenol	7.447	128	229454	19.975	ng/u1	95
13) 2-Methylphenol	8.326	108	201494	19.104	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.438	45	325280	20.704	ng/u1	98
16) Acetophenone	8.709	105	321393	19.779	ng/u1#	91
17) N-Nitroso-di-n-propyla...	8.709	70	163007	19.716	ng/u1#	93
18) 4-Methylphenol	8.664	108	224311	19.661	ng/u1	99
19) Hexachloroethane	8.979	117	96133	19.968	ng/u1#	67
22) Nitrobenzene	9.092	77	249380	20.749	ng/u1	98
23) Isophorone	9.632	82	418362	20.323	ng/u1#	89
25) 2-Nitrophenol	9.812	139	122317	21.573	ng/u1	97
26) 2,4-Dimethylphenol	9.880	107	245139	20.429	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.105	93	286852	20.728	ng/u1	99
29) 2,4-Dichlorophenol	10.353	162	214586	20.872	ng/u1	96
30) Naphthalene	10.758	128	737955	21.142	ng/u1	100
32) 4-Chloroaniline	10.849	127	274261	20.572	ng/u1	99
33) Hexachlorobutadiene	11.051	225	148053	20.558	ng/u1	97
34) Caprolactam	11.592	113	49327	18.370	ng/u1	94
35) 4-Chloro-3-methylphenol	11.975	107	209370	20.529	ng/u1	94
36) 2-Methylnaphthalene	12.358	142	457238	20.583	ng/u1	98

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37) 1-Methylnaphthalene	12.583	142	481300	20.508	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.741	216	269169	21.111	ng/ul	96
40) Hexachlorocyclopentadiene	12.718	237	161194	20.579	ng/ul#	96
41) 2,4,6-Trichlorophenol	12.966	196	151613m	21.533	ng/ul	
42) 2,4,5-Trichlorophenol	13.034	196	157074	20.789	ng/ul	99
43) 1,1'-Biphenyl	13.371	154	649148	21.487	ng/ul	98
44) 2-Chloronaphthalene	13.416	162	495299	21.210	ng/ul	96
45) 2-Nitroaniline	13.597	65	105722	19.729	ng/ul#	84
47) Dimethylphthalate	13.980	163	499190	19.925	ng/ul	99
48) 2,6-Dinitrotoluene	14.092	165	91103	19.917	ng/ul#	67
50) Acenaphthylene	14.250	152	726079	21.494	ng/ul	99
51) 3-Nitroaniline	14.430	138	69274	15.231	ng/ul#	78
52) Acenaphthene	14.610	153	447182	20.471	ng/ul	98
53) 2,4-Dinitrophenol	14.633	184	53642	18.377	ng/ul	85
55) 4-Nitrophenol	14.723	109	83581	21.467	ng/ul	85
56) Dibenzofuran	14.926	168	652113	20.638	ng/ul#	87
57) 2,4-Dinitrotoluene	14.881	165	145219	21.509	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.151	232	119071	21.154	ng/ul#	68
59) Diethylphthalate	15.354	149	547629	21.495	ng/ul	99
61) Fluorene	15.579	166	562774	21.753	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.579	204	282678	21.187	ng/ul	99
63) 4-Nitroaniline	15.579	138	54547	14.821	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.647	198	85392	19.551	ng/ul	99
67) N-Nitrosodiphenylamine	15.782	169	485144	20.820	ng/ul	98
68) 4-Bromophenyl-phenylether	16.480	248	139872	19.710	ng/ul#	78
69) Hexachlorobenzene	16.593	284	192991	20.320	ng/ul	96
70) Atrazine	16.728	200	168909	20.845	ng/ul	97
71) Pentachlorophenol	16.930	266	101469	18.727	ng/ul	95
72) Phenanthrene	17.313	178	788088	19.585	ng/ul	98
74) Anthracene	17.403	178	819569	20.617	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.349	216	280534	20.562	ng/uL	98
76) Pentachlorobenzene	14.858	250	237769	19.907	ng/uL	98
77) Carbazole	17.674	167	767124	22.080	ng/ul	99
78) Di-n-butylphthalate	18.237	149	765356	20.645	ng/ul	99
80) Fluoranthene	19.341	202	813776	18.793	ng/ul#	88
82) Pyrene	19.701	202	896085	18.817	ng/ul#	88
83) Butylbenzylphthalate	20.580	149	222200	18.886	ng/ul#	63
84) 3,3'-Dichlorobenzidine	21.368	252	254481	19.365	ng/ul#	98
85) Benzo(a)anthracene	21.436	228	879153	19.261	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.368	149	600717	22.148	ng/ul#	96
87) Chrysene	21.503	228	741117	19.205	ng/ul	98
89) Di-n-octyl phthalate	22.292	149	873991	20.340	ng/ul	100
90) Benzo(b)fluoranthene	23.125	252	925467	21.004	ng/ul	98
91) Benzo(k)fluoranthene	23.170	252	836388	21.449	ng/ul	99
93) Benzo(a)pyrene	23.756	252	859958	20.669	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.346	276	966626	20.457	ng/ul	94
95) Dibenzo(a,h)anthracene	26.369	278	814998	20.359	ng/ul	98
96) Benzo(g,h,i)perylene	27.112	276	825179	20.484	ng/ul	98

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

