

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031022\
 Data File : BN018903.D
 Acq On : 10 Mar 2022 15:21
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020298

Quant Time: Mar 10 16:15:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 08 14:15:20 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/10/2022
 Supervised By :mohammad ahmed 03/16/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	148473	20.000	ng/u1	0.00
20) Naphthalene-d8	10.704	136	686161	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.539	164	462402	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.275	188	1003368	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	1083275	20.000	ng/u1	0.00
88) Perylene-d12	23.851	264	1181368	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	29536	7.957	ng/uL	0.00
4) Pyridine-d5	3.681	84	220914	19.449	ng/u1	-0.01
7) Phenol-d5	7.052	99	275044	18.975	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	172008	19.701	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.422	132	208040	20.027	ng/u1	-0.01
15) 4-Methylphenol-d8	8.599	113	227404	19.293	ng/u1	-0.01
21) Nitrobenzene-d5	9.057	128	103470	19.631	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	116363	20.094	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.322	165	223944	20.217	ng/u1	0.00
31) 4-Chloroaniline-d4	10.834	131	349737	20.968	ng/u1	0.00
46) Dimethylphthalate-d6	13.939	166	705173	20.142	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	895125	20.541	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	136658	19.275	ng/u1	0.00
60) Fluorene-d10	15.528	176	623254	20.480	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	116283	18.700	ng/u1	0.00
73) Anthracene-d10	17.375	188	987988	20.587	ng/u1	0.00
81) Pyrene-d10	19.669	212	1213051	20.692	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.698	264	1237384	20.097	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	31181	7.738	ng/uL	93
5) Pyridine	3.705	79	234996	20.060	ng/u1	98
6) Benzaldehyde	7.022	77	132789	17.988	ng/u1	99
8) Phenol	7.075	94	291662	19.231	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.310	93	230965	19.743	ng/u1	98
12) 2-Chlorophenol	7.457	128	217958	19.786	ng/u1	97
13) 2-Methylphenol	8.334	108	216268	19.101	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.428	45	337665	20.218	ng/u1	100
16) Acetophenone	8.716	105	369373	20.222	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.704	70	186493	20.034	ng/u1	99
18) 4-Methylphenol	8.663	108	248166	19.599	ng/u1	95
19) Hexachloroethane	8.987	117	83678	19.468	ng/u1	98
22) Nitrobenzene	9.099	77	277327	20.274	ng/u1	99
23) Isophorone	9.622	82	516402	19.754	ng/u1	99
25) 2-Nitrophenol	9.816	139	131041	20.361	ng/u1	98
26) 2,4-Dimethylphenol	9.875	107	279678	20.008	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.110	93	325033	19.697	ng/u1	98
29) 2,4-Dichlorophenol	10.346	162	224687	19.936	ng/u1	98
30) Naphthalene	10.757	128	763936	20.203	ng/u1	100
32) 4-Chloroaniline	10.857	127	365825	21.138	ng/u1	98
33) Hexachlorobutadiene	11.051	225	138612	19.577	ng/u1	96
34) Caprolactam	11.598	113	74197m	18.104	ng/u1	
35) 4-Chloro-3-methylphenol	11.981	107	264143	20.013	ng/u1	99
36) 2-Methylnaphthalene	12.369	142	531167	19.980	ng/u1	100

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.587	142	547412	19.940	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.740	216	288217	20.387	ng/ul	98
40) Hexachlorocyclopentadiene	12.722	237	160564	19.331	ng/ul	96
41) 2,4,6-Trichlorophenol	12.969	196	182622	19.983	ng/ul	92
42) 2,4,5-Trichlorophenol	13.040	196	202691	20.079	ng/ul	97
43) 1,1'-Biphenyl	13.375	154	745079	20.501	ng/ul	99
44) 2-Chloronaphthalene	13.416	162	566125	20.227	ng/ul	98
45) 2-Nitroaniline	13.610	65	168326	20.179	ng/ul	95
47) Dimethylphthalate	13.987	163	712457	19.848	ng/ul	98
48) 2,6-Dinitrotoluene	14.104	165	139425	20.270	ng/ul	100
50) Acenaphthylene	14.257	152	938714	20.598	ng/ul	100
51) 3-Nitroaniline	14.428	138	95322	14.307	ng/ul	93
52) Acenaphthene	14.598	153	602418	20.193	ng/ul	98
53) 2,4-Dinitrophenol	14.639	184	69916	15.900	ng/ul	96
55) 4-Nitrophenol	14.728	109	119069	19.504	ng/ul	95
56) Dibenzofuran	14.934	168	875133	20.307	ng/ul	98
57) 2,4-Dinitrotoluene	14.886	165	211254	20.406	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.157	232	167678	20.195	ng/ul	98
59) Diethylphthalate	15.351	149	728266	20.385	ng/ul	99
61) Fluorene	15.581	166	697867	20.568	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.575	204	346199	20.713	ng/ul	96
63) 4-Nitroaniline	15.586	138	84496	13.619	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.651	198	122520	19.337	ng/ul	96
67) N-Nitrosodiphenylamine	15.786	169	603423	20.169	ng/ul	98
68) 4-Bromophenyl-phenylether	16.469	248	208769	20.185	ng/ul	96
69) Hexachlorobenzene	16.592	284	234134	19.743	ng/ul	97
70) Atrazine	16.728	200	220428	19.663	ng/ul	99
71) Pentachlorophenol	16.928	266	131112	17.744	ng/ul	95
72) Phenanthrene	17.316	178	1161043	20.312	ng/ul	100
74) Anthracene	17.410	178	1155957	20.280	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.339	216	316328	20.388	ng/uL	98
76) Pentachlorobenzene	14.857	250	281722	20.068	ng/uL	96
77) Carbazole	17.675	167	1074948	20.886	ng/ul	98
78) Di-n-butylphthalate	18.245	149	1207691	20.879	ng/ul	100
80) Fluoranthene	19.333	202	1404329	20.236	ng/ul	100
82) Pyrene	19.692	202	1459958	20.594	ng/ul	97
83) Butylbenzylphthalate	20.592	149	557620	20.661	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.374	252	427741	18.221	ng/ul	97
85) Benzo(a)anthracene	21.445	228	1438650	19.656	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.374	149	858151	21.130	ng/ul	99
87) Chrysene	21.498	228	1443772	20.370	ng/ul	98
89) Di-n-octyl phthalate	22.292	149	1499102	20.248	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	1569799	19.643	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	1513371	20.406	ng/ul	98
93) Benzo(a)pyrene	23.751	252	1551031	20.050	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.339	276	1771581	20.674	ng/ul	98
95) Dibenzo(a,h)anthracene	26.351	278	1489452	19.605	ng/ul	98
96) Benzo(g,h,i)perylene	27.103	276	1482101	19.439	ng/ul	99

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

